

Set	Items	Description
S1	53	(E OR ELECTRONIC) (WALLET AND (SELECT? OR CHOOS?) AND FORM?
S2	22	S1 NOT PY>1998
S3	22	S2 NOT PD>19981110
S4	21	RD (unique items)
S5	4	SPYRUS AND WEBWALLET
S6	1	SPYRUS AND (DROPDOWN OR DROP()DOWN OR POPUP OR POP()UP)
S7	1	SPYRUS AND GUI *
S8	2	S6 OR S7
S9	1666304	GRAPHIC?()USER()INTERFACE? OR WINDOW? OR (PULL()DOWN OR DR- OP()DOWN)()MENU? OR MOUSE OR DRAG? OR GUI OR GUIs
S10	6729018	MULTIPLE OR MANY OR PLURAL? OR NUMEROUS OR SEVERAL
S11	4217741	ENTRY OR ENTRIES OR KEYWORD? OR WORD? OR TERM? ? OR ITEM? ?
S12	262309	(DATA OR INFORMATION) (2N) (FIELD? OR ATTRIBUTE? OR CHARACTE- R? OR FEATURE? OR PROPERTY OR PROPERTIES)
S13	46249	(ELECTRONIC OR E OR WEB) (WALLET OR WEBWALLET OR CREDIT()C- ARD OR PERSONAL()INFORMATION
S14	632	S9 AND (S10 (2N) S11) AND S12
S15	111	S14 AND S13
S16	89	S15 NOT PY>1998
S17	88	S16 NOT PD>19981110
S18	86	RD (unique items)
S19	40	S9 (S) (S10 (2N) S11) (S) S12
S20	3	S19 (S) S13
S21	3	S20 NOT PY>1998
S22	35	S19 NOT PY>1998
S23	30	S22 NOT PD>19981110
S24	30	RD (unique items)*
File	2:INSPEC 1969-2004/May W3	
	(c) 2004 Institution of Electrical Engineers	
File	6:NTIS 1964-2004/May W4	
	(c) 2004 NTIS, Intl Cpyrght All Rights Res	
File	8:EI Compendex(R) 1970-2004/May W3	
	(c) 2004 Elsevier Eng. Info. Inc.	
File	34:SciSearch(R) Cited Ref Sci 1990-2004/May W3	
	(c) 2004 Inst for Sci Info	
File	35:Dissertation Abs Online 1861-2004/Apr	
	(c) 2004 ProQuest Info&Learning	
File	65:Inside Conferences 1993-2004/May W4	
	(c) 2004 BLDSC all rts. reserv.	
File	92:IHS Intl.Stds.& Specs. 1999/Nov	
	(c) 1999 Information Handling Services	
File	94:JICST-EPlus 1985-2004/May W1	
	(c)2004 Japan Science and Tech Corp(JST)	
File	95:TEME-Technology & Management 1989-2004/May W2	
	(c) 2004 FIZ TECHNIK	
File	99:Wilson Appl. Sci & Tech Abs 1983-2004/Apr	
	(c) 2004 The HW Wilson Co.	
File	103:Energy SciTec 1974-2004/May B1	
	(c) 2004 Contains copyrighted material	
File	144:Pascal 1973-2004/May W3	
	(c) 2004 INIST/CNRS	
File	202:Info. Sci. & Tech. Abs. 1966-2004/May 14	
	(c) 2004 EBSCO Publishing	
File	233:Internet & Personal Comp. Abs. 1981-2003/Sep	
	(c) 2003 EBSCO Pub.	
File	239:Mathsci 1940-2004/Jun	
	(c) 2004 American Mathematical Society	
File	275:Gale Group Computer DB(TM) 1983-2004/May 25	
	(c) 2004 The Gale Group	
File	434:SciSearch(R) Cited Ref Sci 1974-1989/Dec	
	(c) 1998 Inst for Sci Info	
File	647:CMP Computer Fulltext 1988-2004/May W3	
	(c) 2004 CMP Media, LLC	
File	674:Computer News Fulltext 1989-2004/May W3	
	(c) 2004 IDG Communications	
File	696:DIALOG Telecom. Newsletters 1995-2004/May 24	

05/26/04



24/5,K/1 (Item 1 from file: 2)
DIALOG(R)File 2:INSPEC
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6137174 INSPEC Abstract Number: C1999-02-7250L-001

Title: Content-based retrieval system for video data

Author(s): Kato, K.; Ishikawa, H.

Journal: Fujitsu vol.49, no.6 p.444-8

Publisher: Fujitsu,

Publication Date: 1998 Country of Publication: Japan

CODEN: FUJTAR ISSN: 0016-2515

SICI: 0016-2515(1998)49:6L:444:CBRS;1-C

Material Identity Number: D9262-1998-007

Language: Japanese Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: Digital libraries of the future will be able to store video data as well as text data. For this reason, retrieval technology is essential for effectively handling video data. We have developed a new video data retrieval system that uses color distribution and the moving direction of detected object regions as the **featured information**. Motion vectors and DC coefficients in MPEG-2 data are used to generate **featured information** to be stored in a database. GUI is used to enter the features of a desired object so that a search can be made for similarities contained in the database. Then **several items** of highly similar data are displayed as the retrieval result. Our prototype system achieved retrieval precision of 0.83 using color information. Typical retrieval time varied from 9 to 95 seconds on a 166 MHz Pentium PC, according to the number of similar candidates. The paper describes our new content based retrieval system for video data. (5 Refs)

Subfile: C

Descriptors: digital libraries; graphical user interfaces; image colour analysis; information retrieval; multimedia systems; video databases

Identifiers: content based retrieval system; color distribution; digital libraries; retrieval technology; video data retrieval system; moving direction; detected object regions; motion vectors; DC coefficients; MPEG-2 data; GUI; highly similar data; retrieval precision; color information; retrieval time

Class Codes: C7250L (Non-bibliographic retrieval systems); C6130M (Multimedia); C7250R (Information retrieval techniques); C6180G (Graphical user interfaces); C6160S (Spatial and pictorial databases); C5260B (Computer vision and image processing techniques)

Copyright 1999, IEE

...Abstract: data retrieval system that uses color distribution and the moving direction of detected object regions as the **featured information**. Motion vectors and DC coefficients in MPEG-2 data are used to generate **featured information** to be stored in a database. GUI is used to enter the features of a desired object so that a search can be made for similarities contained in the database. Then **several items** of highly similar data are displayed as the retrieval result. Our prototype system achieved retrieval precision of...

✱

24/5,K/2 (Item 2 from file: 2)
DIALOG(R)File 2:INSPEC
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5169876 INSPEC Abstract Number: C9603-6130B-016

Title: Issues in visualizing large databases

Author(s): Keim, D.A.; Kriegel, H.-P.

Author Affiliation: Inst. for Comput. Sci., Munich Univ., Germany

Conference Title: Visual Database Systems 3. Visual Information Management. Proceedings of the Third IFIP 2.6 Working Conference on Visual Database Systems, 1995 p.203-14

Editor(s): Spaccapietra, S.; Jain, R.

Publisher: Chapman and Hall, London, UK

Publication Date: 1995 Country of Publication: UK ix+428 pp.
ISBN: 0 412 72170 8 Material Identity Number: XX95-00549
Conference Title: Proceedings IFIP 2.6 3rd Working Conference on Visual
Database Systems (VDB-3)
Conference Date: 27-29 March 1995 Conference Location: Lausanne,
Switzerland

Language: English Document Type: Conference Paper (PA)
Treatment: Practical (P)

Abstract: We describe our concepts to visualize very large amounts of data. Our visualization techniques which have been developed to support querying large scientific databases are designed to visualize as **many** data **items** as possible on current display devices. Even if we are able to use each pixel of the display device to visualize one data value, the number of data items that can be visualized is quite limited. Therefore, in our system we consider only those data items which are 'close' to a user specified query. The data items are arranged according to their distance from the query. Multiple **windows** are used for the different **attributes** of the **data** and the distance of each of the attributes from the query is represented by color. After briefly describing the basic ideas of our visualization techniques, we focus on two specific issues which arise in connection with our visualization techniques. First, we compare the data space which is the amount of information available in the database to the visualization space which is the amount of information that can be visualized by our visualization techniques. Second, we discuss the usefulness of different color models for our distance to color mapping and define a new color model which produces adequate color scales. (16 Refs)

Subfile: C

Descriptors: data visualisation; image colour analysis; query processing; very large databases; visual databases

Identifiers: large database visualisation; visualization techniques; large scientific database querying; user specified query; multiple windows; data space; visualization space; color models; distance to color mapping; color scales

Class Codes: C6130B (Graphics techniques); C6160Z (Other DBMS); C6160S (Spatial and pictorial databases); C7300 (Natural sciences computing)

Copyright 1996, IEE

...Abstract: visualization techniques which have been developed to support querying large scientific databases are designed to visualize as **many** data **items** as possible on current display devices. Even if we are able to use each pixel of the...

... a user specified query. The data items are arranged according to their distance from the query. Multiple **windows** are used for the different **attributes** of the **data** and the distance of each of the attributes from the query is represented by color. After briefly...

24/5,K/3 (Item 3 from file: 2)
DIALOG(R) File 2:INSPEC
(c) 2004 Institution of Electrical Engineers. All rts. reserv.

03814633 INSPEC Abstract Number: C91017070

Title: What good is self? (Pascal, data encapsulation)

Author(s): Tylutki, G.

Journal: Computer Language vol.7, no.11 p.77-9

Publication Date: Nov. 1990 Country of Publication: USA

CODEN: CSAEEU ISSN: 0749-2839

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: Information hiding is an important component of modern programming theory. With object-oriented programming encapsulation enables or requires one to hide information and the routines that manipulate it; they are enclosed in an object. Pure object-oriented languages prohibit accessing an object's **data fields** from outside the object, but Turbo Pascal does not enforce this. Borland's object-oriented Pascal does not support private variables and thus cannot enforce data encapsulation. One

can fight name-space pollution, at least between modules, and make code more maintainable with the technique mentioned. Turbo Pascal lets one create reusable units containing reusable objects that can be extended. One problem is that some of an object's methods should be private. The author considers a text-based **windowing** system. The **WindowType** object has several data items, such as the x and y screen coordinates, the window-frame type and color, and a pointer to a buffer to store screen contents. (1 Refs)

Subfile: C

Descriptors: graphical user interfaces; object-oriented programming; Pascal; Pascal listings

Identifiers: information hiding; object-oriented programming; object; Turbo Pascal; object-oriented; data encapsulation; WindowType

Class Codes: C6140D (High level languages); C6180 (User interfaces); C6110 (Systems analysis and programming)

...Abstract: manipulate it; they are enclosed in an object. Pure object-oriented languages prohibit accessing an object's **data fields** from outside the object, but Turbo Pascal does not enforce this. Borland's object-oriented Pascal does...

... is that some of an object's methods should be private. The author considers a text-based **windowing** system. The **WindowType** object has several data items, such as the x and y screen coordinates, the window-frame type and color, and a pointer to a buffer to store screen contents.

*/

24/5,K/4 (Item 4 from file: 2)

DIALOG(R)File 2:INSPEC

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02406952 INSPEC Abstract Number: C85016167, D85000541

Title: **TopView: big fish to pull other programs into line**

Author(s): Norton, P.

Journal: PC: The Independent Guide to IBM Personal Computers (UK Edition) vol.2, no.1 p.114-16

Publication Date: Jan. 1985 Country of Publication: UK

CODEN: PIGCDO ISSN: 0267-4815

Language: English Document Type: Journal Paper (JP)

Treatment: Applications (A)

Abstract: TopView is a **windowing** system, a system that lets you have more than one program active at a time, and lets you switch from one to another with ease. Unlike its competition, TopView really has what it takes to work in a practical way with the PCs in use today. What sets TopView apart is that it has the skill to work with just about any PC and any software. As a character-based (and not a graphics-based or star-type) system, TopView works with either monochrome or graphics PCs. Even more important, though, TopView is extraordinarily good at accommodating programs and making them work well in the TopView environment. In effect, TopView lets you put together a loosely integrated package from your own choice of parts. You can choose your favourite word processor, spreadsheet or programming language and make them all work together. TopView has a user interface that includes **windows**, panel areas on the screen, keyboard control, cursor control, **mouse** control, list scrolling, **item** selection, **multiple - field data** input with prompting and more-an impressive array of sophisticated program support. (0 Refs)

Subfile: C D

Descriptors: administrative data processing; software packages; spreadsheet programs; user interfaces; word processing

Identifiers: character-based system, administrative DP; TopView; windowing system; loosely integrated package; word processor; spreadsheet; programming language; user interface; keyboard control; cursor control; mouse control; list scrolling; item selection; multiple-field data input

Class Codes: C7100 (Business and administration); C7106 (Word processing); C7120 (Finance); D2010 (Business and professional); D2050 (Financial applications); D5050 (Word processing equipment)

Abstract: TopView is a **windowing** system, a system that lets you have more than one program active at a time, and lets...

... spreadsheet or programming language and make them all work together. TopView has a user interface that includes **windows**, panel areas on the screen, keyboard control, cursor control, **mouse** control, list scrolling, **item** selection, **multiple - field data** input with prompting and more-an impressive array of sophisticated program support.

24/5,K/5 (Item 1 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)
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03575764 E.I. Monthly No: EIM9303-015877

Title: Comparison of direct-manipulation, selection, and data-entry techniques for reordering fields in a table.

Author: Tullis, Thomas S.; Kodimer, Marianne L.

Corporate Source: Canon Information Systems, Costa Mesa, CA, USA

Conference Title: Proceedings of the 36th Annual Meeting of the Human Factors Society. Part 1 (of 2) *

Conference Location: Atlanta, GA, USA Conference Date: 19921012

E.I. Conference No.: 17554

Source: Proceedings of the Human Factors Society v 1. Publ by Human Factors Soc Inc, Santa Monica, CA, USA. p 298-302

Publication Year: 1992

CODEN: PHFSDQ ISSN: 0163-5182

Language: English

Document Type: PA; (Conference Paper) Treatment: A; (Applications); X; (Experimental)

Journal Announcement: 9303

Abstract: A useful **feature** of **data** base systems is to allow the user to change the order in which fields appear in the columns of a table. The purpose of this study was to compare the usability of seven different user interfaces for performing this task in the Microsoft **Windows** environment. The fields to be reordered were file name, file number, size, and creation date. The seven approaches studied covered a range of interaction styles, including **dragging** and dropping, menu selection, text entry, and button pressing. Fifteen **Windows** users completed a set of two practice trials using each approach, followed by a set of twelve main trials. For each trial, the user was shown the current order of the fields and a target order to change to. The completion times showed significant differences according to the approach used. Overall, a data-selection technique using radio buttons and a data-entry technique using a single entry area were significantly faster than all of the others. Another data- **entry** technique, involving **multiple entry** areas, was consistently the slowest. Somewhat surprisingly, given the current trend toward direct-manipulation interfaces, the two approaches involving **dragging** and dropping were not among the most effective approaches. (Author abstract)

Descriptors: *USER INTERFACES; INTERFACES (COMPUTER); DATABASE SYSTEMS; DATA ACQUISITION; ERGONOMICS

Identifiers: DATA ENTRY; MAN MACHINE DIALOG; DATABASE FIELDS; TABLE DISPLAYS; MICROSOFT WINDOWS; GRAPHICAL USER INTERFACES

Classification Codes:

461 (Biotechnology); 722 (Computer Hardware); 723 (Computer Software)

46 (BIOENGINEERING); 72 (COMPUTERS & DATA PROCESSING)

Abstract: A useful **feature** of **data** base systems is to allow the user to change the order in which fields appear in the...

...was to compare the usability of seven different user interfaces for performing this task in the Microsoft **Windows** environment. The fields to be reordered were file name, file number, size, and creation date. The seven approaches studied covered a range of interaction styles, including **dragging** and dropping, menu selection, text entry, and button pressing. Fifteen **Windows** users completed a set of two practice trials using each approach, followed by a set of twelve...

...entry technique using a single entry area were significantly faster than all of the others. Another data- **entry** technique, involving **multiple entry** areas, was consistently the slowest. Somewhat surprisingly, given the current trend toward direct-manipulation interfaces, the two approaches involving **dragging** and dropping were not among the most effective approaches. (Author abstract)

24/5,K/6 (Item 1 from file: 94)
DIALOG(R) File 94:JICST-EPlus
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04097385 JICST ACCESSION NUMBER: 99A0642117 FILE SEGMENT: JICST-E

Digital Library. Content-based Retrieval System for Video Data.

KATO KOKI (1); ISHIKAWA HIROSHI (1)

(1) Fujitsu Maruchimediashisutemuken

Fujitsu, 1998, VOL.49,NO.6, PAGE.444-448, FIG.4, TBL.2, REF.5

JOURNAL NUMBER: F0397AAQ ISSN NO: 0016-2515 CODEN: FUJTA

UNIVERSAL DECIMAL CLASSIFICATION: 002.5:005 681.3:621.397.3

LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Journal

ARTICLE TYPE: Commentary

MEDIA TYPE: Printed Publication

ABSTRACT: Digital libraries of the future will be able to store video data as well as text data. For this reason, retrieval technology is essential for effectively handling video data. We have developed a new video data retrieval system that uses color distribution and the moving direction of detected object regions as the **featured information**. Motion vectors and DC coefficients in MPEG-2 data are used to generate **featured information** to be stored in a database. **GUI** is used to enter the features of a desired object so that a search can be made for similarities contained in the database. Then **several items** of highly similar data are displayed as the retrieval result. Our prototype system achieved retrieval precision of 0.83 using color information. Typical retrieval time varied from 9 to 95 seconds on a 166MHz Pentium PC, according to the number of similar candidates. This paper describes our new content-based retrieval system for video data. (author abst.)

DESCRIPTORS: image retrieval; moving image; feature extraction; transfer; color; MPEG; graphical user interface; electronic library

BROADER DESCRIPTORS: retrieval; image; extraction; separation; ISO Standard; international standard; standard(specification); standard; user interface; interface; library

CLASSIFICATION CODE(S): AC06020S; JE04010I

...ABSTRACT: data retrieval system that uses color distribution and the moving direction of detected object regions as the **featured information**. Motion vectors and DC coefficients in MPEG-2 data are used to generate **featured information** to be stored in a database. **GUI** is used to enter the features of a desired object so that a search can be made for similarities contained in the database. Then **several items** of highly similar data are displayed as the retrieval result. Our prototype system achieved retrieval precision of...

24/5,K/7 (Item 2 from file: 94)
DIALOG(R) File 94:JICST-EPlus
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01640908 JICST ACCESSION NUMBER: 92A0602870 FILE SEGMENT: JICST-E

Object-Oriented Design Supports for a General Purpose FEM Analysis System.

Development of FEM Data Generator Based on Smalltalk-80.

NAGASAWA SHIGERU (1); TAKAHASHI HARUMICHI (1); SAKUTA HIROSHI (1); MURAYAMA MITSUHIRO (2)

(1) Technological Univ. of Nagaoka; (2) Technological Univ. of Nagaoka, Graduate School

Kozo Kogaku ni okeru Suchi Kaiseikiho Shinpojiumu Ronbunshu(Proceedings of

the Symposium on Computational Methods in Structural Engineering and
Related Fields), 1991, VOL.15, PAGE.69-74, FIG.8, TBL.1, REF.11
JOURNAL NUMBER: S0173CAR
UNIVERSAL DECIMAL CLASSIFICATION: 681.3.02.001 681.3:519.6
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan
DOCUMENT TYPE: Conference Proceeding
ARTICLE TYPE: Original paper *
MEDIA TYPE: Printed Publication

ABSTRACT: The paper is deals with a method of designing a data generator
for an FEM analysis system. A new design support system for FEM has
been developed with Smalltalk-80, an object oriented language. The
system has the following **features** : 1) Input **data** is evaluated as an
ordered collection which is constituted with **multiple** structure
Keyword . 2) Keywords are classified into four patterns with common
messages. 3) Each Keyword and its **attribute data** has helpBox, a
window for the format information. 4) The system has a special
multieditor utilizing category concepts of Smalltalk-80. Since these
facilities are integrated in Smalltalk environment, man-machine
interface such as **window** and **mouse** can not only be used for easy or
efficient development but also it shortens design process. (author
abst.)

DESCRIPTORS: finite element method; object-oriented language; computer
system development; window system; Smalltalk; data structure; user
interface; menu system; input design; structure analysis; program
package

BROADER DESCRIPTORS: approximation method; programming language; formal
language; language; development; method; high level language; structure
; interface; design; analysis; computer program; software

CLASSIFICATION CODE(S): JD02010R; JE02000J

...ABSTRACT: for FEM has been developed with Smalltalk-80, an object
oriented language. The system has the following **features** : 1) Input
data is evaluated as an ordered collection which is constituted with
multiple structure **Keyword** . 2) Keywords are classified into four
patterns with common messages. 3) Each Keyword and its **attribute**
data has helpBox, a **window** for the format information. 4) The system
has a special multieditor utilizing category concepts of Smalltalk-80.
Since these facilities are integrated in Smalltalk environment,
man-machine interface such as **window** and **mouse** can not only be used
for easy or efficient development but also it shortens design process.
(author...

24/5,K/8 (Item 1 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.
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*

00131940 86PI11-145

Marcon Plus

Puglia, Vincent

PC Magazine , Nov 25 1986 , v5 n20 p226-228, 2 Pages

ISSN: 0745-2500

Languages: English

Document Type: Software Review

Grade (of Product Reviewed): A

Geographic Location: United States

A very favorable review of Marcon Plus (\$1495), a text-based management
system from Airs Inc. of College Park, MD (301). Notes that it requires
512K RAM, a hard disk drive, and DOS 2.0 or later. Says that it offers a
variety of features including saved queries, prestored **data - field** types
by a variety of indexes and lists, **multiple data entry fields** and
multiple database searches. Mentions that the interface makes use of
pop-up **windows** . Contains one screen display and a photo of the program.

Descriptors: DATA BASE MANAGEMENT; SOFTWARE REVIEW

Identifiers: Marcon Plus; Airs; IBM PC

...DOS 2.0 or later. Says that it offers a variety of features including

saved queries, prestored data - field types by a variety of indexes and lists, multiple data entry fields and multiple database searches. Mentions that the interface makes use of pop-up windows. Contains one screen display and a photo of the program.

24/5,K/9 (Item 1 from file: 275)
DIALOG(R) File 275:Gale Group Computer DB(TM)
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01955096 SUPPLIER NUMBER: 18449915 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Internet access: IBM to bundle Netscape SuiteSpot servers and Netscape commercial applications on new RS/6000 Internet POWERSolutions; RS/6000 handles 40 million hits/day on Netscape Internet site. (Product Information)

EDGE: Work-Group Computing Report, v7, n320, p17(1)

July 1, 1996

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 1056 LINE COUNT: 00093

COMPANY NAMES: International Business Machines Corp.--Marketing; Netscape Communications Corp.--Marketing

DESCRIPTORS: Product Marketing Strategy; Internet/Web Server Software; Network Security Software; RISC-Based System

PRODUCT/INDUSTRY NAMES: 7372690 (Communications Software NEC); 3573115 (Microcomputers)

SIC CODES: 7372 Prepackaged software; 3571 Electronic computers

TICKER SYMBOLS: IBM; NSCP; IBM; NSCP

TRADE NAMES: Netscape SuiteSpot (Internet/Web server software)--Marketing; Netscape FastTrack Server (Internet/Web server software)--Marketing; Netscape Enterprise Server (Internet/Web server software)--Marketing; Netscape Proxy Server (Network security software)--Marketing; Netscape Publishing System (Internet/Web server software)--Marketing; IBM RS/6000 Internet POWERSolutions (RISC-based system)--Marketing

FILE SEGMENT: CD File 275

... for increased audience capacity. The new product also adds Netscape Chat 2.0 client software for Microsoft Windows and Macintosh operating environments. * Netscape Publishing System - a flexible, integrated high-end software solution for content providers who want to create full-scale online information services. Its features include support for user registration and tracking, text search and user access control. In addition, the new Netscape Publishing system 1.5 adds personalized content delivery, document conversion from many standard word processing formats onto HTML, and support for automatic conversion of news wire feeds. Netscape Publishing System 1...

24/5,K/10 (Item 2 from file: 275)
DIALOG(R) File 275:Gale Group Computer DB(TM)
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01863495 SUPPLIER NUMBER: 17609760
Find it fast with AskSam for Windows. (AskSam Systems' AskSam for Windows database software) (Technology Front, column) (Software Review) (Evaluation)

Thompson, Jim

Boardwatch Magazine, v9, n5, p56(4)

May, 1995

DOCUMENT TYPE: Evaluation

ISSN: 0894-5209

LANGUAGE: English

RECORD TYPE: Abstract

ABSTRACT: AskSam Systems' \$149.95 AskSam for Windows can handle both structured and unstructured information. The free-form database offers the same features as other common databases, such as the ability to sort fields and manage reports. However, it goes much further by allowing users to make searches with several words or fields, and by not limiting the user to

a fixed **data field** structure. It has some features of a word processor, letting users create and edit documents and apply formats. Users can conduct Boolean or proximity searches, and even offers some personal **information management features**. The product is very easy to use, and allows those who are more familiar with the older DOS version to use the command line. Inputting data into the database is easy and flexible. It can be typed directly or imported from elsewhere. The program offers automatic field recognition for importing, and will recognize field identifiers placed in the text to be imported.

SPECIAL FEATURES: illustration; photograph; other
COMPANY NAMES: Seaside Software Inc.--Products
DESCRIPTORS: Software Single Product Review; DBMS
SIC CODES: 7372 Prepackaged software
TRADE NAMES: askSam for Windows (DBMS)--Evaluation
FILE SEGMENT: CD File 275

ABSTRACT: AskSam Systems' \$149.95 AskSam for **Windows** can handle both structured and unstructured information. The free-form database offers the same features as other...

...sort fields and manage reports. However, it goes much further by allowing users to make searches with **several words** or fields, and by not limiting the user to a fixed **data field** structure. It has some features of a word processor, letting users create and edit documents and apply formats. Users can conduct Boolean or proximity searches, and even offers some personal **information management features**. The product is very easy to use, and allows those who are more familiar with the older...

24/5,K/11 (Item 3 from file: 275)
DIALOG(R) File 275:Gale Group Computer DB(TM)
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01857726 SUPPLIER NUMBER: 17497252 (USE FORMAT 7 OR 9 FOR FULL TEXT)
WordPerfect for Windows. (one of ten evaluations of word processing software in 'Word Processors: Front & Center') (Editors' Choice winner) (Novell) (Software Review) (Evaluation) (Cover Story)
Mendelson, Edward
PC Magazine, v14, n20, p139(2)
Nov 21, 1995
DOCUMENT TYPE: Evaluation Cover Story ISSN: 0888-8507 LANGUAGE:
English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 790 LINE COUNT: 00071

ABSTRACT: Novell's \$395 WordPerfect for **Windows** 6.1 word processing software offers the finest available file management features, superior graphics tools and a powerful spreadsheet. WordPerfect has an easily comprehensible macro language, **data** -pasting automation **features** and support for 1,500 separate characters. WordPerfect offers outline and paragraph numbering, cross-referencing a user's customized numbering format. Each WordPerfect file-selecting dialog box includes a file manager with viewers, descriptive titles and the QuickFinder indexer. WordPerfect also supports on-the-fly correction, **multiple word** form search and replacement, exhaustive undo features and typographic quotations. WordPerfect's toolbars, menus, tables, borders and boxes are all easily customizable, and text can be placed around irregularly shaped graphical images.

SPECIAL FEATURES: illustration; table
COMPANY NAMES: Novell Inc.--Products
DESCRIPTORS: Word processing software; Top Rating; Software Single Product Review
SIC CODES: 7372 Prepackaged software
TICKER SYMBOLS: NOVL
TRADE NAMES: WordPerfect for Windows 6.1 (Word processing software)--Evaluation

ABSTRACT: Novell's \$395 WordPerfect for **Windows** 6.1 word processing software offers the finest available file management features, superior graphics tools and a powerful spreadsheet. WordPerfect has an easily comprehensible macro language, **data** -pasting automation **features** and support for 1,500 separate characters. WordPerfect offers outline and paragraph numbering, cross-referencing a user...

...file manager with viewers, descriptive titles and the QuickFinder indexer. WordPerfect also supports on-the-fly correction, **multiple word** form search and replacement, exhaustive undo features and typographic quotations. WordPerfect's toolbars, menus, tables, borders and...

24/5,K/12 (Item 4 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01836852 SUPPLIER NUMBER: 17393195 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Getting your network prepared to Win again. (migrating a network to Microsoft's Windows 95 operating system) (Cover Story) (Tutorial)
Richardson, Robert
LAN Magazine, v10, n8, p46(5)
August, 1995 *
DOCUMENT TYPE: Cover Story Tutorial ISSN: 1069-5621 LANGUAGE:
English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 3809 LINE COUNT: 00302

ABSTRACT: Microsoft's Windows 95 operating system provides multithreaded, preemptively multitasking, 32-bit computing, but it is not revolutionary, and it is not state of the art. The disappearance of DOS is largely an illusion: the IO.SYS and MSDOS.SYS system files are combined into WINBOOT.SYS, which calls itself MS-DOS when viewing RAM with the MEM utility listing. Most of the vulnerable operations have been moved out of the V86 mode and into virtual devices (VxDs), the most important of which is file access. The Installable File System (IFS) has been added as a new layer of VxD processing, which makes possible long file and directory names. Two sets of APIs operate within Windows 95: one for new 32-bit applications, and one for so-called Win16 applications. The two are not complete, however, in that they do not separately implement all of the calls: Win16 calls are implemented in existing 16-bit DLLs, and others are passed to new 32-bit code. The benefits Windows 95 provides for network management are examined.

*
SPECIAL FEATURES: illustration; other
COMPANY NAMES: Microsoft Corp.--Products
DESCRIPTORS: 32-Bit Operating System; Product Support; Product Tutorial; Network Management
SIC CODES: 7372 Prepackaged software
TICKER SYMBOLS: MSFT
TRADE NAMES: Microsoft Windows 95 (Operating system)--Usage
FILE SEGMENT: CD File 275

... on page 56.)
Long names are handled midway along the route between intercepting all file access within **Windows** and actually performing file access. The names themselves are stored using **multiple FAT entries** for each file. An old-fashioned 8.3 entry heads up the file, followed by one or...

...one short, one long--with the latter stored in a third-rate but marvelously DOS-compatible patchwork **data field**.
Another important change that's less visible is greatly expanded detail on the use of the system.

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01724298 SUPPLIER NUMBER: 16114697 (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Inside dBASE for Windows. (Borland International's dBASE IV for Windows
DBMS) (Dekstop DBMS) (Evaluation) (Column)**
Spitzer, Tom
DBMS, v8, n1, p99(5)
Jan, 1995
DOCUMENT TYPE: Evaluation Column ISSN: 1041-5173 LANGUAGE:
ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 4874 LINE COUNT: 00376

ABSTRACT: Borland International's \$495 dBASE for Windows, the long-awaited Windows version of dBASE IV, is a versatile DBMS that is heavily reliant on coding. However, this package treats code as objects for the most part, rather than as the traditional procedural code types that are prevalent in the DOS versions. Stronger SQL database support, a flexible forms-generation tool and easy Windows API access are among the new features in this product. The package is built around standard user interface objects and an extensible database architecture; object-oriented languages are heavily leveraged, as are SET RELATION extensions for non-procedural referential integrity. Designers will spend a good deal of time in the Form Designer, which performs the layout of controls and forms that the end-user will use. In this feature, the Object Inspector is used to specify methods, events and properties for the form and its controls. The package has a number of innovative features, but at times seems a bit complicated for routine tasks.

SPECIAL FEATURES: illustration; other
COMPANY NAMES: Borland International Inc.--Products
DESCRIPTORS: Evaluation; DBMS
SIC CODES: 7372 Prepackaged software
TICKER SYMBOLS: BORL
TRADE NAMES: Borland dBASE IV for Windows (DBMS)--Evaluation
OPERATING PLATFORM: Microsoft Windows
FILE SEGMENT: CD File 275

... application, I defined a number of common objects that I used throughout the application. These include static **data display fields**, **entry fields**, **multiple** -choice fields, lists for field entry (which are based on values in referential tables), selection lists, dialog...

...data-entry form. For each of these application objects, I developed a standard implementation mechanism. dBASE for **Windows** facilitates this approach by providing an object-oriented development environment, which I used to map standard dBASE...

24/5,K/14 (Item 6 from file: 275)
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01693434 SUPPLIER NUMBER: 15567323 (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Designing usable data entry applications. (use of Microsoft's FoxPro
database application development software) (FoxPro Developer) (Column
(Tutorial)**
Jacobsen, Nancy
Data Based Advisor, v12, n7, p126(4)
July, 1994
DOCUMENT TYPE: Tutorial ISSN: 0740-5200 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 3673 LINE COUNT: 00273

ABSTRACT: Software developers can modify data entry screens contained in Microsoft's FoxPro for Windows and FoxPro for Macintosh database application development packages to optimize them for text-based data

input. Many of the screens found in the FoxPro packages are not designed for heavy keyboard data entry. They are often visually oriented, making it difficult for experienced, heads down typists to use them. FoxPro prototype screens also often require users to switch between the keyboard and the mouse, thus breaking the typing rhythm of experienced typists. Screen readability is another factor as many FoxPro screens use small font-sizes in input fields. To eliminate these problems, developers should modify data entry screens to look like documents as much as possible. Large fonts such as 11-point Arial and 12-point Courier News should be used and there users should not have to rely on the mouse. Screen contrasts should also be reset to maximize readability.

DESCRIPTORS: Application Development Software; Database Design; Program Development Techniques; Screen Generators/Formatters; User Need; Efficiency; Tutorial; Data Entry Personnel; Data Structures
SIC CODES: 7372 Prepackaged software
TRADE NAMES: Microsoft FoxPro for Windows (Database application development software)--Usage; Microsoft FoxPro for Macintosh (Database application development software)--Usage
OPERATING PLATFORM: Microsoft Windows; Apple Macintosh
FILE SEGMENT: CD File 275

... DOS there are similar problems using push button hot keys in combination with controls.

* The FoxPro for **Windows** and FoxPro for Mac default for GET fields is "Select on Entry," which is not a good idea for **many** data **items** since a keystroke at the wrong moment can wipe out the existing data. Couple this behavior with...

...whole record in no time. This problem is exacerbated by the use of a proportional font for **data** items. Since **characters** have different widths in proportional fonts, it's difficult to determine an optimum field size. If the field is sized to accommodate the widest possible data, it will be wider than necessary for average **data**. If the **field** is sized to accommodate average **data**, wide **characters** will scroll. In either case, it's impossible for the user to know where data entry for...

24/5,K/15 (Item 7 from file: 275)
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01692734 SUPPLIER NUMBER: 16000352 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Understanding the Registry. (Windows NT Registry) (Tutorial)
Sharick, Paula
Digital Systems Journal, v16, n3*,p13(4)
May-June, 1994
DOCUMENT TYPE: Tutorial ISSN: 1067-7224 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 2476 LINE COUNT: 00197

ABSTRACT: The Windows NT Registry is a secure, central data base that describes in detail a system's hardware configuration, installed software, security status, desktop settings and file associations, applications and profiles that support OLE. Users can modify the Registry with a variety of bundled or third-party tools, including the Control Panel, the NT Setup application and third-party configuration disks. The Registry brings order to a function that is complex and fragmented in Windows 3.1: The Registry is a robust tool for use in an NT multiuser environment; for example, network managers can study and modify the Registry remotely. Windows NT has a single API for accessing configuration data. Examples of Registry use are given and explained in detail.

DESCRIPTORS: Programming Instruction; Configuration; Database; Network Management; Tutorial
SIC CODES: 7372 Prepackaged software
TRADE NAMES: Microsoft Windows NT (Operating system)--Design and construction
OPERATING PLATFORM: Microsoft Windows NT

FILE SEGMENT: CD File 275

... series of values, these appear to the right of the key in the data portion of the **window**. Some keys have a single value and others have 20 or more, depending upon how the ~~registry~~ entry is used. A value consists of three parts separated by colons: a **field** name, **data** type, and the actual data. There are six standard data types: REG...

...SZ. **Many** registry **entries** are written in one of the three string formats -- REG...

24/5,K/16 (Item 8 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01691126 SUPPLIER NUMBER: 15579053 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Languages. (PC Solutions) (question-and-answer)
PC Magazine, v13, n14, p434(1)
August, 1994
ISSN: 0888-8507 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 200 LINE COUNT: 00014

SPECIAL FEATURES: illustration; program
FILE SEGMENT: CD File 275 *

... is that it can allow the Enter key to move the focus to the next field. Although **Windows** normally uses the Tab key to navigate from field to **field** on a **data - entry** form, **many** programmers also like their applications to recognize Enter for this purpose. You can achieve this by adding...

24/5,K/17 (Item 9 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01681317 SUPPLIER NUMBER: 15000724 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Now Contact boasts speed, Up-to-Date data exchange. (Software Review) (Now Software Now Contact contact manager) (includes related article on keeping features current in Now Up-to-Date 2.1) (Evaluation)
Rubin, Ross Scott
MacWEEK, v8, n1, p91(2)
Jan 3, 1994
DOCUMENT TYPE: Evaluation ISSN: 0892-8118 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 1587 LINE COUNT: 00127

ABSTRACT: Now Software Inc's \$99 Now Contact contact manager is tightly integrated with the company's Now Up-to-Date calendar package; the two are available as a bundle for \$179. The two primary **windows** display contacts in list and detail views; the detail **window** layout is broken down into 'frames' of related information. Now Contact does not provide visual clues to show that the user has entered **information** in several **fields**. There are **several data - entry assistance features**, including automatic capitalization of names and states and automatic insertion of parentheses and dashes into phone numbers, but all these are turned off by default; activating them is a tedious procedure. Contacts can be grouped into categories and sets and assigned keywords via a floating palette. A handy QuickConnect control panel places a telephone icon in the menu bar for fast contact searching. Now Contact is more tightly integrated with Now Up-to-Date than Aldus' Touchbase Pro is with its companion Datebook Pro, but the two programs do not have an entirely common interface. It is an ideal choice for those who already use Now Up-to-Date.

SPECIAL FEATURES: illustration; table
COMPANY NAMES: Now Software Inc.--Products

DESCRIPTORS: Personal Information Management System; Evaluation
PRODUCT/INDUSTRY NAMES: 7372419 (Business Software (Micro))
SIC CODES: 7372 Prepackaged software
TRADE NAMES: Now Contact (Contact manager)--evaluation
OPERATING PLATFORM: Apple Macintosh
FILE SEGMENT: CD File 275

...ABSTRACT: Up-to-Date calendar package; the two are available as a bundle for \$179. The two primary windows display contacts in list and detail views; the detail window layout is broken down into 'frames' of related information. Now Contact does not provide visual clues to show that the user has entered information in several fields. There are several data - entry assistance features, including automatic capitalization of names and states and automatic insertion of parentheses and dashes into phone numbers...

24/5,K/18 (Item 10 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01667750 SUPPLIER NUMBER: 15038886 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Windows databases for end-users. (DataEase International Inc.'s DataEase Express for Windows 1.1, Claris' FileMaker Pro 2.1, Lotus Development Corp.'s Lotus Approach 2.1, Microsoft Corp.'s Microsoft Access 1.1, Scandinavian PC Systems Inc.'s PrimaBase 3.1 and Symantec's Q&A for Windows 4.0 database management systems) (includes related articles on the National Software Testing Laboratories' facilities, interoperating with other databases and giving recommendations) (Software Review) (PC User NTSI Lab Test) (Evaluation)
PC User, n226, p84(15)
Jan 12, 1994
DOCUMENT TYPE: Evaluation ISSN: 0263-5720 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 7869 LINE COUNT: 00636

ABSTRACT: Lotus Development Corp's 99-pounds-sterling Lotus Approach 2.1 and Claris Corp's 275-pounds-sterling FileMaker Pro 2.1 stand head and shoulders above the four other Microsoft Windows-based database management systems (DBMS) for end users evaluated in National Software Testing Laboratories (NSTL) tests. While Microsoft Corp.'s 330-pounds-sterling Microsoft Access 1.1 may appeal more to power users, end users will find viewing related data from different tables confusing with this program. FileMaker Pro performs faster than Approach, but is weaker at constructing and using relationships between tables. Its ability to substitute repeating fields for relational links overcomes some of this weakness, however, and FileMaker's support for cross-platform links with the Apple Macintosh version will prove attractive in some installations. Approach is more well-rounded, and would make the best front end for a client/server applications produced by a sophisticated database development package.

SPECIAL FEATURES: illustration; photograph; table; graph
COMPANY NAMES: DataEase International Inc.--Products; Claris Corp.--Products; Lotus Development Corp.--Products; Microsoft Corp.--Products; Scandinavian PC Systems Inc.--Products; Symantec Corp.--Products
DESCRIPTORS: Evaluation; Comparison; DBMS; Application Development Software
PRODUCT/INDUSTRY NAMES: 7372420 (Database Mgmt Software Pkgs (Micro))
SIC CODES: 7372 Prepackaged software; 7373 Computer integrated systems design; 3577 Computer peripheral equipment, not elsewhere classified; 2731 Book publishing
TICKER SYMBOLS: LOTS; SYMC; MSFT
TRADE NAMES: DataEase Express for Windows 1.1 (DBMS)--evaluation; Filemaker Pro for Windows 2.1 (DBMS)--evaluation; Lotus Approach for Windows 2.1 (DBMS)--evaluation; PrimaBase 3.1 (DBMS)--evaluation; Q&A for Windows 4.0 (DBMS)--evaluation; Microsoft Access 1.1 (Database application development software)--evaluation

OPERATING PLATFORM: Microsoft Windows
FILE SEGMENT: CD File 275

... table and a second window listing just the related records from a related table.

Q&A for **Windows** and FileMaker Pro have no facilities for concurrently displaying data from two tables, but the master detail...

...a single table with 'repeating fields'. This is a single field that contains several values. Orders with **multiple** line items can be maintained using single-value fields for the overall order information and repeating fields for the line item information.

Another useful relational feature is the ability to select a field value...

24/5,K/19 (Item 11 from file: 275)
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01626989 SUPPLIER NUMBER: 14620335 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Lotus Approach 2.1. (Lotus Development Corp.) (Software Review) (one of six evaluations of non-programmable database management systems for Microsoft Windows in 'The No-Code Approach to Data Management') (Evaluation)
Simon, Barry
Windows Sources, v1, n11, p264(2)
Dec, 1993
DOCUMENT TYPE: Evaluation ISSN: 1065-9641 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 559 LINE COUNT: 00048

ABSTRACT: Lotus Development Corp's \$395 Lotus Approach is a strong non-programmable database management system (DBMS) for Microsoft Windows. The package is priced at \$99 until Dec 31, 1993. Approach has no native format in which it stores data. Instead, records are stored in whichever format the user selects from a number of popular options. Approach is generally easy to use. Writing macros is performed in a single, complex dialog box. Full relational capabilities, strong search functions, and tools to access databases on mainframe computers and minicomputers make Approach among the more powerful non-programmable DBMSs. Data can be viewed as forms, form letters, mailing labels or reports. A tables is just an editable kind of report, but this causes records of more than 255 characters to wrap from line to line.

SPECIAL FEATURES: illustration; table
COMPANY NAMES: Lotus Development Corp.--Products
DESCRIPTORS: DBMS; Evaluation; Top Rating
SIC CODES: 7372 Prepackaged software; 7373 Computer integrated systems design
TICKER SYMBOLS: LOTS
TRADE NAMES: Lotus Approach for Windows 2.1 (DBMS)--evaluation
OPERATING PLATFORM: MS Windows
FILE SEGMENT: CD File 275

... includes a rich set of drawing tools that let you add graphic elements to screens. After placing **data fields** and text on the form, a quick click of the right **mouse** button will let you alter colors, fonts, and other attributes. You can group objects so that you can perform common operations, such as moving, on **several items** at the same time. It's also easy to add radio buttons and check boxes to forms...

24/5,K/20 (Item 12 from file: 275)
DIALOG(R) File 275:Gale Group Computer DB(TM)
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01494589 SUPPLIER NUMBER: 11685222 (USE FORMAT 7 OR 9 FOR FULL TEXT)

FoxPro 2's approach to Windowing. (Fox Software Inc.'s data base management system)

Schnapp, Marc

DBMS, v5, n1, p51(2)

✱

Jan, 1992

ISSN: 1041-5173

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 986

LINE COUNT: 00078

ABSTRACT: Fox Software Inc's character-based FoxPro 2.0 data base management system (DBMS) offers a variety of language extensions and solid isolation from the external environment. Because FoxPro can separate application code from its event loop, programmers using FoxPro are insulated from the event loop while still being able to build nonmodal user interfaces to accomplish such tasks as nesting GETs. To convenience programmers, FoxPro also includes a number of configuration parameters such as CYCLE and MODAL based on the Xbase read statement. The software's screen builder allows users to display multiple windows that includes data entry, browse and pulldown menu options.

COMPANY NAMES: Fox Software Inc.--Products

DESCRIPTORS: GUI; Windowing; Programming; Software Design; Codes

SIC CODES: 7372 Prepackaged software

TRADE NAMES: Microsoft FoxPro 2.0 (Database application development software)--Programming

✱

FILE SEGMENT: CD File 275

... all pending GETS

By using the FoxPro 2 screen builder or hand coding, one can invoke multiple windows each with several pending data entry fields and browse objects. (See Figure A) A single READ with judicious use of these REAF) clauses will...

24/5,K/21 (Item 13 from file: 275)

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01435210 SUPPLIER NUMBER: 10860802 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Windows package eases data entry to PC databases. (Datacap Inc.'s Paper Keyboard Pro data acquisition software) (Software Review) (PC Week Labs First Look) (evaluation)

Methvin, Dave

PC Week, v8, n24, p41(1)

June 17, 1991

✱

DOCUMENT TYPE: evaluation

ISSN: 0740-1604

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 503

LINE COUNT: 00039

ABSTRACT: Datacap Inc's Paper Keyboard Pro is a \$1,495 software package for data entry that recognizes hand-written text, check boxes and typewritten text within a form. The Microsoft Windows -based program employs a number of scanners that collect data and store it in a microcomputer database. Users first design the form to be used for data entry. Forms can be created with any of several Windows -based word -processing, forms-design or desktop-publishing programs such as Microsoft Corp's Word for Windows , FormWorx Corp's Form Publisher for Windows and Aldus Corp's PageMaker. Paper Keyboard displayed outstanding recognition times during evaluation tests; it took five seconds to process a form with 20 characters of handwritten data and 520 check boxes. The product failed to recognize handwritten letters that were not dark enough or that went outside the boxes.

COMPANY NAMES: Datacap Inc.--Products

DESCRIPTORS: Evaluation; Software packages; Data Acquisition Systems

SIC CODES: 7372 Prepackaged software; 7374 Data processing and preparation

TRADE NAMES: Paper Keyboard Pro (Image processing software)--evaluation

OPERATING PLATFORM: MS Windows
FILE SEGMENT: CD File 275

...ABSTRACT: data entry that recognizes hand-written text, check boxes and typewritten text within a form. The Microsoft **Windows** -based program employs a number of scanners that collect data and store it in a microcomputer database...

...first design the form to be used for data entry. Forms can be created with any of **several Windows** -based word -processing, forms-design or desktop-publishing programs such as Microsoft Corp's Word for **Windows** , FormWorx Corp's Form Publisher for **Windows** and Aldus Corp's PageMaker. Paper Keyboard displayed outstanding recognition times during evaluation tests; it took five seconds to process a form with 20 **characters** of handwritten **data** and 520 check boxes. The product failed to recognize handwritten letters that were not dark enough or...

24/5,K/22 (Item 14 from file: 275)
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01417489 SUPPLIER NUMBER: 09379878 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Our friends the ISVs. (independent software vendors) (plans of software firms developing for Go Corp.'s pen-based system) (includes related article on Excel 3.0)

Dyson, Esther
RELease 1.0, v91, n1, p7(8)
Jan 22, 1991
ISSN: 1047-935X LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 3969 LINE COUNT: 00301

CAPTIONS: Notebook computer has access to files cross-mounted from other systems. (chart); Sample pen-based forms. (chart)

SPECIAL FEATURES: illustration; chart
COMPANY NAMES: GO Corp.--Licenses; Slate Corp.--Management; PenSoft--Management
DESCRIPTORS: Third-Party Vendor; Computer Software Industry; Pen-Based I/O; Product Development; Software Design; New Company; Company Profile; New Technique; Outlook
SIC CODES: 7372 Prepackaged software
FILE SEGMENT: CD File 275

... of Lotus Agenda, with some data types (classes) already implemented, such as time and date, contact (with **data fields** for name, address, phone, follow-up date, etc.). However, PenSoft's tool has a number of significant...between items (a second level). Agenda does only the first level, assigning items to categories (potentially to **several** categories), but **items** or groups of items in Agenda cannot be assigned to each other without going through some extra...

...approach." His previous work includes VisiOn (which played the PenPoint role opposite Microsoft's first release of **Windows**), and a variety of other products for other companies he doesn't even want to name.
Even...

24/5,K/23 (Item 15 from file: 275)
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01389833 SUPPLIER NUMBER: 09580969 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Network-compatible 4GL speeded up. (NE International's Q-PRO 4 4.1) (The Complete Comdex Catalog 1990) (product announcement)
Data Based Advisor, v8, n11, p64(1)
Nov, 1990
DOCUMENT TYPE: product announcement ISSN: 0740-5200 LANGUAGE:

ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 163 LINE COUNT: 00012

COMPANY NAMES: QNE International Inc.--Product introduction
DESCRIPTORS: DBMS; Product Introduction; Fourth-Generation Language;
Enhancements; Applications Programming
SIC CODES: 7372 Prepackaged software
TRADE NAMES: Q-PRO 4 4.1 (data base management system)--Product
introduction
FILE SEGMENT: CD File 275

... open at one time, size of files, or number of fields in the file.
Its procedural language features color, multiple data - entry
windows , dialog windows , light-bar menus, data-selection windows ,
context-sensitive help, and a notepad. A non-procedural report generator is
included and a query language...

24/5,K/24 (Item 16 from file: 275)
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01353540 SUPPLIER NUMBER: 08351700 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Gantt upgrades strengthen project-tracking muscle. (Kidasa Software, Vircon
Systems Inc. and AEC Management Systems Inc. introduce upgrades to
Gantt-chart project management software) (product announcement)
Ferranti, Marc
PC Week, v7, n15, p28(1)
April 16, 1990
DOCUMENT TYPE: product announcement ISSN: 0740-1604 LANGUAGE:
ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 418 LINE COUNT: 00032

ABSTRACT: Three vendors of Gantt-charting software introduce upgrades to
their key products. Kidasa Software announces Milestones, Etc. 2.0, which
has new 'grab and drag' features that let users edit a chart with the mouse
and customize time lines to include any fiscal year. The \$149 Milestones,
Etc. runs under Microsoft Windows; a version for the new Windows 3.0 will
be available by the end of 1990. Varcon Systems Inc's \$195 Great Gantt! 1.2
offers customizable data fields , varied time scale options and word
wrap of multiple lines of text. Both programs are available now. AEC
Management Systems Inc will release its \$235 FastTrack Schedule 1.5 for the
Macintosh at the end of Apr 1990. FastTrack 1.5 can display time scales in
fiscal-year terms and lets users add columns for extra activity fields.

COMPANY NAMES: Varcon Systems Inc.--Product introduction; AEC Management
Systems Inc.--Product introduction; KIDASA Software Inc.--Product
introduction
DESCRIPTORS: Project Management Systems; Software packages; Upgrading;
Graphics Software
SIC CODES: 7372 Prepackaged software
TRADE NAMES: Milestones, Etc. 2.0 (Project management software)--Product
introduction; Great Gantt! 2.0 (Project management software)--Product
introduction; FastTrack Schedule 1.5 (Project management software)--
Product introduction
OPERATING PLATFORM: MS Windows; Apple Macintosh
FILE SEGMENT: CD File 275

...ABSTRACT: available by the end of 1990. Varcon Systems Inc's \$195 Great
Gantt! 1.2 offers customizable data fields , varied time scale options
and word wrap of multiple lines of text. Both programs are available
now. AEC Management Systems Inc will release its \$235 FastTrack...

*
24/5,K/25 (Item 17 from file: 275)
DIALOG(R) File 275:Gale Group Computer DB(TM)
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01349230 SUPPLIER NUMBER: 08258078 (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Spreadsheets: easing data consolidation. (Software Review) (overview of
five evaluations of spreadsheet programs that offer data consolidation
features) (evaluation)**
Harty, Paul
PC Week, v7, n11, p104(4)
March 19, 1990
DOCUMENT TYPE: evaluation ISSN: 0740-1604 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 548 LINE COUNT: 00043

ABSTRACT: Six spreadsheet packages with data-consolidation features are reviewed: Borland International Inc's Quattro Pro, DacEasy Inc's Lucid 3-D 2.2, Lotus Development Corp's 1-2-3 2.2, Microsoft's Excel for Windows 2.1 and Excel for Presentation Manager, and WordPerfect Corp's PlanPerfect 5.0. All the programs use linking features to consolidate multiple worksheets. The linking syntax used by the programs varies in flexibility; an effective syntax can recognize range names instead of just cell locations. Data integrity is a potential problem for some users. Lucid 3-D offers an unusually good price/performance ratio at \$99.95, while the other products all list for \$495. Excel uses the Dynamic Data Exchange (DDE) feature of Windows and OS/2 to exchange data between worksheets and other applications. Lotus 1-2-3 2.2 is compatible with other Lotus products, while PlanPerfect uses the same interface as the WordPerfect word processor.

COMPANY NAMES: Borland International Inc.--Products; DacEasy Inc.--
Products; Lotus Development Corp.--Products; Microsoft Corp.--Products;
WordPerfect Corp.--Products
DESCRIPTORS: Spreadsheet Software; Software Packages; Evaluation
SIC CODES: 7372 Prepackaged software
TICKER SYMBOLS: BORI; MSFT; LOTS
TRADE NAMES: Borland Quattro Pro (Spreadsheet software)--evaluation;
Lucid 3-D 2.2 (Spreadsheet software)--evaluation; Lotus 1-2-3 2.2
(Spreadsheet software)--evaluation; Microsoft Excel for Windows 2.1
(Spreadsheet software)--evaluation; Microsoft Excel for Presentation
Manager (Spreadsheet software)--evaluation; PlanPerfect 5.0 (Spreadsheet
software)--evaluation
FILE SEGMENT: CD File 275

... venerable graphics-based Excel offers an easy way to link to other applications written for the Microsoft **Windows** graphical operating environment using dynamic data exchange (DDE). Similarly, Microsoft **Windows** for PM can use DDE to communicate to other PM applications. Also, the new **Data Consolidate feature** in the PM version adds more flexibility for those who must perform **many** consolidations.

WordPerfect 's PlanPerfect is a suitable companion spreadsheet product for the WordPerfect word processor. Users who know one...

24/5,K/26 (Item 18 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01304747 SUPPLIER NUMBER: 07504854 (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Superbase 2: an entry-level DBMS for Windows. (Software Review) (Precision
Software Superbase 2 database for Microsoft Windows) (evaluation)**
Shaw, Richard Hale
PC Magazine, v8, n15, p43(1)
Sept 12, 1989
DOCUMENT TYPE: evaluation ISSN: 0888-8507 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 725 LINE COUNT: 00055

ABSTRACT: Precision Software's \$295 Superbase 2 is a non-programmable database management system designed to run under Microsoft **Windows** . It

offers relational capabilities, lets the user attach graphics and text files to database records, and has multiple-response, required, and read-only **fields** for **data** validation. The program's **pull - down menus**, overlapping **windows**, and dialog boxes take full advantage of the **Windows graphical user interface**. Its full-screen text editor can edit ASCII text files or formatted files and has **many word** processing features. Superbase 2 has a user-friendly query facility that lets the user control display format, selection criteria and record order. The program includes a run-time version of **Windows** and requires a microcomputer with 640Kbytes of RAM, DOS 3.0 or later, a hard disk, and a **Windows**-compatible graphics adapter.

CAPTIONS: Benchmark tests: Superbase 2. (graph); Fact file. (table)

SPECIAL FEATURES: illustration; graph; table

COMPANY NAMES: Precision Inc. (Irving, Texas)--Products

DESCRIPTORS: Evaluation; GUI; Database Design; Operating Environments; DBMS

SIC CODES: 7372 Prepackaged software

TRADE NAMES: Microsoft Windows (GUI)--evaluation; Superbase 2 Windows (DBMS)--evaluation

FILE SEGMENT: CD File 275

...ABSTRACT: Software's \$295 Superbase 2 is a non-programmable database management system designed to run under Microsoft **Windows**. It offers relational capabilities, lets the user attach graphics and text files to database records, and has multiple-response, required, and read-only **fields** for **data** validation. The program's **pull - down menus**, overlapping **windows**, and dialog boxes take full advantage of the **Windows graphical user interface**. Its full-screen text editor can edit ASCII text files or formatted files and has **many word** processing features. Superbase 2 has a user-friendly query facility that lets the user control display format, selection criteria and record order. The program includes a run-time version of **Windows** and requires a microcomputer with 640Kbytes of RAM, DOS 3.0 or later, a hard disk, and a **Windows**-compatible graphics adapter.

24/5,K/27 (Item 19 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

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01177759 SUPPLIER NUMBER: 04586588 (USE FORMAT 7 OR 9 FOR FULL TEXT)

TBMS; database power unleashed. (text-based management systems)

Puglia, Vincent

PC Magazine, v5, n20, p211(3)

Nov 25, 1986

ISSN: 0888-8507

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 7224 LINE COUNT: 00548

ABSTRACT: Text-based management systems (TBMSs) can be used to merge database and word processing capabilities in order to maintain and manipulate text. A feature of TBMS fields is that they can be of any size. TBMS also offer full-screen editors, advanced retrieval functions, and variable-length records and fields. A totally free-form TBMS allows flexible data entry; the controlled free-form variety of TBMS allows for a conventional structure. TBMS programs can be used to import ASCII files. CAPTIONS: Text-based management systems: summary of features. (table)

SPECIAL FEATURES: illustration; table

DESCRIPTORS: Software Packages; Database; Word Processing; Text Data Bases; Text Communication; Products

SIC CODES: 7372 Prepackaged software

FILE SEGMENT: CD File 275 *

... s Marcon Plus offers. You name it, this package probably has it--from saved queries and prestored **data - field** types, through a variety of indexes and lists, to **multiple date entry** fields and

multiple database searches. Marcon Plus's intelligent use of function keys, pop-up windows, and point-and-shoot technology make it not only easy to use but also pleasurable. Its search...

24/5,K/28 (Item 1 from file: 647)
DIALOG(R)File 647:CMP Computer Fulltext
(c) 2004 CMP Media, LLC. All rts. reserv.

01023776 CMP ACCESSION NUMBER: *NWC19940404S3533

Microsoft Word v6.0 Reaches Out (Applications)

Bruce Robertson

NETWORK COMPUTING, 1994, n 504, 134

PUBLICATION DATE: 940404

JOURNAL CODE: NWC LANGUAGE: English

RECORD TYPE: Fulltext

SECTION HEADING: Hands-On

TEXT:

Grab data from a SQL database server and insert it into a word processing document. It sounds easy, but many word processors can't do this simply or in a single step. They require a desktop database application to move the data from the database server to the desktop before you can import the data into your word processing document. Microsoft Word v6.0, however, uses Open Database Connectivity (ODBC) drivers to download data from a SQL database server into a Word document in a single step. Word v6.0 also supports data from other word processors, spreadsheets and common desktop databases, such as Access, dBASE and Paradox. To keep track of what data you want retrieved into a document, Word v6.0 stores detailed specifications in a -database field- in the document. To actually fetch data into the document, you select the database field, click the right mouse button and select the option to update the data. Word v6.0 uses the specifications in the document's database field to fetch data directly via the ODBC drivers. Creating arcane instructions for the database field could be a formidable barrier between users and their data. Word v6.0 wisely uses the new Microsoft Query applet to help users formulate these instructions. Drag -and-drop access to database tables and columns, conditional searching and other database query features mean the user doesn't need to master SQL syntax. Advanced users can set up or modify database fields manually, but for most users MS Query is the way to go. Oddly enough, MS Query and the ODBC drivers do not ship with Word v6.0, but they do come with Excel v5.0 or the Microsoft Office v4.0 suite. Microsoft claims that either Excel or Office is installed in the majority of corporate accounts in which Word is deployed. Connecting to the database server requires the usual RDBMS middleware for your Windows client platform (see the -MS Word Reaches Out To SQL Server- diagram on page 136). We used Microsoft SQL Server as our remote data source, so we configured our Word v6.0 client workstation with SQL Server's DB-Library and Net-Library middleware. Step-by-Step to Remote Data After opening a Word document and placing the cursor where the downloaded data should go, choose Insert and then Database. Word displays a "Database" dialogue box with three choices: "Data Source," "Data Options" (query options and automatic formatting) and "Insert the Data into the Document."/P First, specify the data source. Clicking on the "Get Data" button opens the "Open Data Source" dialogue box, and the MS Query button there loads MS Query directly via Dynamic Data Exchange (DDE) calls. Within MS Query, choose a database server and the tables from which you want to draw data. In our tests, MS Query was able to pick up data from the Authors, TitleAuthor and Titles tables in a sample Pubs database. Joins of multiple relational tables work as well. While joins can be specified directly in SQL syntax in the database field, MS Query matches similarly named columns in tables automatically as joins, and lets the user delete, create and modify joins flexibly. MS Query shows joins graphically. In our example, the three tables were joined by lines between the key columns. Once you've chosen your data source, you can use query options to customize your query. You can select specific columns, subset filters and sort orders with MS Query's point-and-click interface, or you can use Word's own "Query Options" dialogue box. We found MS Query's

interface easier, though Word's "Autoformat" dialogue lets you choose from a number of tabular formats for presenting data. Finally, click the "Insert the Data into the Document" button and choose whether to insert the data into the document as copied data or a dynamic database field. Copied data is just that: a copy of the database data at one instant in time. A dynamic database field is like the more common paste link. It allows the data in the document to be updated with fresh data from the database server with a simple mouse click. Mail merge works very easily against remote data sources as well. A similar three-part dialogue takes you through connecting to the remote database and setting up the merge document. A simple toolbar shows available merge fields and lets you scroll through the records in the database while observing the results in the merge document. A "View Merged Data" button lets you view either the merge fields or the database data itself in the document, so previewing the merged information is very easy. A Few Quirks Word v6.0 is best at processing words or, in this case, lists of words. When the PubDate field from the SQL Server Pubs database was inserted into Word v6.0 (in either the table or merge formats), it came out with the full time specified as well ("1985-10- 21 00:00:00.000"), and there was no way to reformat that value in Word. Since Word can't reformat nontext data easily, date/time fields or currency formats are better handled in a tool such as a spreadsheet or database query tool. You could then paste that table into the Word document if necessary. After the original setup using MS Query, you can edit the database field string manually in Word. Column names, for example, can be changed with normal SQL syntax. We used "authors.au fname 'FIRST NAME' " to pair the actual field name "au fname" in the Authors table with the column label '"FIRST NAME."' Inexplicably, this information was not retained from the original query setup in MS Query; we had to add it back in by editing the database field manually. The only other problem we encountered was an occasional " ODBC cursor error" message. After discussions with Microsoft, it's still unclear why this intermittent error appeared. Overall, however, Microsoft's Word v6.0 works very intuitively and seamlessly when importing remote data. Bruce Robertson can be reached on the Internet at robertson@nwc.com.

TEXT:

... from a SQL database server and insert it into a word processing document. It sounds easy, but many word processors can't do this simply or in a single step. They require a desktop database application...

...the document. To actually fetch data into the document, you select the database field, click the right mouse button and select the option to update the data. Word v6.0 uses the specifications in the document's database field to fetch data directly via the ODBC drivers. Creating arcane instructions for the database field could be a formidable barrier ...

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...data in the document to be updated with fresh data from the database server with a simple mouse click. Mail merge works very easily against remote data sources as well. A similar three-part dialogue...

01022154 CMP ACCESSION NUMBER: WIN19940601S1885

Mobile Mail Keeps Remote Users in the Loop (E-Mail Software)

Hailey Lynne McKerry

WINDOWS MAGAZINE, 1994, n 506 , 076

PUBLICATION DATE: 940601

JOURNAL CODE: WIN LANGUAGE: English

RECORD TYPE: Fulltext

SECTION HEADING: New Products

TEXT:

You can send and receive messages over a wide area network, modem, LAN or via a wireless connection with cc:Mail Mobile for **Windows** 2.0. This portable version of the LAN-based e-mail system is aimed at mobile users who only occasionally connect to a LAN. With it, you can automatically filter incoming messages based on a variety of criteria such as author, date or size to access important messages without having to sort through all of them. The package includes icon-based location profiles, which can be altered with a single **mouse** click, to connect from often visited destinations. More than 40 location icons (hotel, home, office, cities, countries) ship with the product; you can also add your own icons (a corporate logo, for example). Pick lists guide you in setting the communications type, serial port parameters, baud rates and dialing options for each location. The program supports long-distance access and credit-card calling. You can select as many as eight communications methods per location, from among such protocols as IPX/SPX (NetWare), TCP/IP (UNIX) and X.25. cc:Mail Mobile also supports connections via ISDN, PBX, direct connection, RAM Mobile Data, cellular and landline modems. The package includes scripts for more than 70 popular modems and supports background operation. A preview function lets you gather information about incoming messages, such as estimated transmission time, subject, priority, author, size and attachment names. cc:Mail Mobile offers built-in support for reconciliation when switching between LAN and remote operation. It moves messages to the computer on departure from the LAN and resynchronizes your LAN mailbox when you reconnect. cc: Mail Mobile 2.0 Price: \$195 Contact: Lotus Development Corp., 800-448- 2500, 415-961-8800

Circle Inquiry 559

Notework Gets an (Inter)Face Lift In the past, the Notework LAN e-mail interface wouldn't have won any beauty contests, but ON Technology has upgraded the program with a **Windows** interface. According to ON Technology, the prior interface was transitional, to provide support for both DOS and **Windows** users. In the new version, a button bar has been added to the pop-up menus. The bar includes icons for such commands as open, create, reply and discard. There is also a Put Away function that allows you to look at e-mail later without having to discard it or place it in a folder. Notework 3.0 offers **Windows** 'Clipboard support, scroll bars, dialog boxes, resizable **windows** and the ability to select your own fonts. The Speed Read function automatically tags new messages and displays the first message upon sign in. You can display incoming and out- going messages side by side. Notework 3.0 Price: Engine, \$199; Ten-user package, \$590; upgrades from 2.0, \$19.95 per user; or from 1.0, \$29.95 per user Contact: ON Technology, 617-374-1400, fax 617-374-1433

Circle Inquiry 560

Access UNIX E-Mail with a **Windows** Laptop

Frequent UNIX e-mail users can read and respond to their mail off-line and off- site with PC or laptop using Portable Mail for **Windows** . The software can download UNIX mail files so you can display, save, answer and manipulate mail using the **Windows** GUI . The interface includes an icon bar, accelerator keys for most menu operations, a graphical customization **window** and a status bar. When you get back to your UNIX workstation, Portable Mail can upload mail changes and send replies, delete requested messages, compose multiple messages simultaneously and store flagged messages in mail folders. All off-line actions are automatically reconciled. You can create a remote post office on any **Windows** computer, then transfer files with transfer software or via a diskette. You can perform mail functions, including printing and saving messages, off-line without logging onto your workstation. Portable Mail is compatible with BSD mail and SVR4 mail, and offers cut-and-paste to and from other **Windows** applications. Portable Mail Price: \$195 Contact: Qualix Group Inc., 800-245-8649, 415-572-0200

Circle Inquiry 561

Fax Software/column

Get Control of Faxes on the LAN FaxWorks Pro LAN, a network-independent fax software package for small- to medium-sized LANs, lets networked **Windows** users send, receive and manage their faxes. The program does not require a dedicated fax server, and is compatible with several popular peer-to-peer LANs, including Micro-soft **Windows** for Workgroups, Artisoft LANTastic, and Novell NetWare and NetWare Lite. The package includes all the features of SofNet's FaxWorks Pro. Because it has full OCR functionality, FaxWorks Pro LAN does not require you to retype received faxed documents. It has personal and shared telephone books, logs and file cabinets. FaxTracker, the program's document retrieval and storage tool, brings up a document log that lists scheduled and concluded faxes. FaxTracker can also display the results of a search and provides specific fax information, such as the file name, type and size. FaxWorks Pro LAN features automatic Group 4 compression and supports up to eight fax lines per fax server. FaxWorks Pro LAN supports Class 1, Class 2 and CAS-compatible fax modems (such as Hayes JT Fax, Brooktrout and GammaLink fax modems), and lets you send and receive faxes through electronic mail packages, such as Lotus cc:Mail, Microsoft Mail or any MHS e-mail package. FaxWorks Pro LAN Price: Two-user pack, \$199; P 10-user pack, \$599; 50-user pack, \$1,799 Contact: SofNet Inc., 800-FAX-WORKS, 404-984-8088 Circle Inquiry 562

Device Lets Fax Machines Handle OCR Trio Information Systems has bundled its DataFax+ **Windows** 4.1 faxing software with its FaxConverter, a pocket-sized device that converts a fax machine into a scanner or local printer. With the FaxConverter, you can scan a document into your PC or print documents on your fax machine. DataFax+'s optical character recognition (OCR) engine transforms scanned documents into editable text. In the new version of DataFax+, the OCR engine features improved ligature recognition to allow it to distinguish among letters that touch each other, according to Trio Information Systems. Once faxes are OCR-processed, they can be imported into a variety of application formats, including .RTF, ASCII, Lotus 1-2-3, Ami Pro, Excel 2.0, Word for **Windows** 2.0 or 6.0, WordPerfect 5.0 or 5.1, and Type Reader 1.0. The DataFax software includes a Captive QuickFax icon which lets you clip data from an application, add a fax address and send it. The Smart Dialing feature lets you add country, area and long distance dialing codes to your dialing directory. Also included are a cover page editor, which lets you create language-specific forms in 20 languages, and a Fax Management feature to log incoming and outgoing faxes. DataFax+ 4.1 and FaxConverter Price: \$129 Contact: Trio Information Systems Inc., 800-880-4400 919-846-4990 Circle Inquiry 563

RightFAX Supports Binary File Transfer Binary file-transfer support, which allows files to be faxed as editable documents, has been added to RightFAX 3.5 fax server software. The software lets multiple users on Novell NetWare, Microsoft LAN Manager and IBM OS/2 LAN Server-based networks send and receive faxes from individual workstations. RightFAX 3.5 incorporates direct inward dial, dual tone multi-frequency, OCR, and manual and channel auto routing technologies. The software complies with VIM 2.0 and can operate from within Lotus Notes. With the optional RightFAX E-mail Gateway (\$995), RightFAX 3.5 lets you send and receive faxes directly from e-mail systems. RightFAX includes a **drag**-and-drop feature that allows you to send files as either fax documents or binary data files by **dragging** them onto an icon or **window**. With the RightFAX OCR module, available for \$1,195, RightFAX routes incoming faxes on the basis of key words found on the fax's cover page. You can build routing tables to direct the fax to the recipients with one of **several keywords** associated with that user. If the fax server is busy, an alternate workstation can be used to perform fax routing. RightFAX supports several GammaLink and Brooktrout fax boards, as well as the Brooktrout TR-114 fax cards. RightFAX 3.5 Price: \$995 (license for a single channel, unlimited users); upgrades from RightFAX 3.0, \$99 Contact: RightFAX, 602-327-1357, fax 602-321-7456 Circle Inquiry 564

Pim/Contact Managers Manage Contacts and Tasks with One Program Time Planner Deluxe 2.0 bridges the gap between PIMs (for tracking names and addresses) and project management systems (for tracking project deadlines and resources). The program is designed for task-oriented users who need reports that compute project times and costs and offer a time-line view of task duration (in working or elapsed hours). TPD supports priorities, alarms, recurring events and **drag**-and-drop scheduling. You can set constraints

(hours per day and days per week) or time increments (five minutes or longer), as well as view a graph of allocated costs over time. The address book accommodates three addresses and six telephone numbers per entry, and includes an autodialer. You can also place information in folders and assign a keyword to a folder for automatic assignment to the appropriate folder on the basis of the note's text. Time Planner Deluxe 2.0 Price: \$129; until June 30, \$59 Contact: H.M. Hinsch & Co., 800-952-3530, 718-237-1977 Circle Inquiry 568

Commence Keeps Customer Contacts Current The latest upgrade of the Commence contact manager is highlighted by more than 15 new features, including e-mail interfaces and a more powerful search capability. Version 2.1 retains familiar features, including the address book, appointment calendar, note keeper, to-do and task list manager and travel expense tracker. The new version adds the ability to send e-mail using Commence's Agent technology. Messages can be sent via popular e-mail messaging protocols, such as MAPI (Microsoft Mail), VIM (Lotus's cc: Mail and Notes) and CMC. The fuzzy logic global search capability can find information even if you're unsure of the spelling. Version 2.1 includes a report formatter for altering the width and height of items on a report, or for resizing rows and columns with the mouse. Commence can now play sound files or video clips when a predefined situation occurs. The new version also adds user interface features, such as direct appointment entry in the calendar view, maintenance of window size and position, and integrated letter writing support for Word 6.0 and WordPerfect 6.0. Commence 2.1 Price: \$395; upgrades, \$29.95 to \$69.95 depending on version Contact: Jensen-Jones Inc., 800-688-7080, 908-530-4666 Circle Inquiry 569

Software Ties Up Contact Management Loose Ends CrossTies 1.0 uses patent-pending object-oriented technology to manage information. The program lets you assign a name of up to 256 characters in length to an information item, then link that information to other types of data and view all related items on a single screen. You can drag and drop information between related elements (people, documents or activities) or use the QuickLink button to associate different types of information. CrossTies can store and track information about people in 30 preformatted fields, or in a notes field. You can define templates to prefill fields with standard information and place frequently used objects on the "Shelf" for quick access. The Trail button allows you to access your most recent work. The scheduling module notifies you of upcoming events and prints daily, weekly and monthly calendars. A built-in viewer lets you view documents from a variety of programs. CrossTies 1.0 Price: \$149 Contact: CrossTies Software Corp., 800-955-TIES, 214-407-9996 Circle Inquiry 570

Business Productivity Tools Automate Repetitive Document Production HotDocs helps you build intelligent templates using Word (versions 2.0 and 6.0), WordPerfect (5.2 and 6.0) and Ami Pro (3.0) documents. The templates allow you to create forms that automatically prompt the user to fill in the blanks. The program automates the production of repetitive, routine word processing documents from business letters to loan agreements by letting you identify text that will change with each new document (such as dates, names, adverbs or pronouns) and replace it with a variable. To assemble a document using a finished template, you simply click on a button. The template asks questions based on the user-defined variables and inserts the new information. You can specify formats for the variables, so that information is displayed in the correct format automatically, no matter how it is entered. The program includes options to replace pronouns (his/her) with the proper gender, and can conditionally replace text. HotDocs 1.0 Price: \$99; introductory price, \$49 Contact: Capsoft Development Corp., 800-500-DOCS, 801-375-6562 Circle Inquiry 571

Software Simplifies Employee Evaluations Two new software packages offer help to managers faced with the difficult task of conducting and documenting employee performance reviews. Austin-Hayne's Employee Appraiser using a "writing by example" approach, presents a series of prompts to help managers through the appraisal process, offering suggestions on topics, such as initiative, job knowledge and communication. The program lets managers work with and edit over 400 professionally written phrases and paragraphs developed by human resource and labor law experts. Employee Appraiser can scan the completed appraisal for inappropriate language. When it finds potentially troublesome language, the software offers possible alternatives. The program's Manager's

Notebook helps document important events on a day- to-day basis for inclusion in later reviews. Avantos Performance Systems' Review Writer uses a Quick Build mode that leads the review writer through questions that gather key information and a Document mode for more experienced users. Users click on icons to get help in specific areas. The program can import goal and performance information from Avantos' ManagePro, an employee management program. Review Writer can also incorporate comments on objectives and performance recorded in ManagePro. The program can suggest actual text, prompting users to agree or disagree with statements about a performance area or skill. The writer can select all, some or none of the generated review text. The program includes predefined sample templates for general job titles, such as managers, team leaders and customer service agents. Its AdvisorScan searches for inflammatory or "dangerous" language and offers alternative wording. Employee Appraiser 1.0 Price: \$129 Contact : Austin-Hayne Corp., 800-809-9920, 415-610-6800 Circle Inquiry 572 Review Writer 1.0 Price: \$129 Contact: Avantos Performance Systems, 800-AVANTOS, 510-654-4600 Circle Inquiry 573 Write Better Business Letters Instead of staring at your blank word processing screen wondering what to write, let the LetterWorks series of letter templates get you started. Using the program's ViewWorks front end, included with all LetterWorks products, you can select a sample letter , then use the program's hints to help you produce professional documents for different situations. ViewWorks' Find function searches documents for keywords or phrases, and the built-in word processor lets you customize a selected document, then send the text to your own word processor for further editing. Business LetterWorks includes 400 letters covering customer relations, credit and collections, personnel relations, internal communications, community service, and sales and marketing. Legal LetterWorks includes 165 legal forms for business and personal use, such as wills and living wills; real estate (leases, sales and mortgages); borrowing and lending; copyrights and trademarks; powers of attorney; starting, buying or selling a business ; and operating a corporation. Business LetterWorks 1.1, Legal LetterWorks 1.1 Price: \$79.95 each Contact: Round Lake Publishing Co. Inc., 203-438-5255/P Circle Inquiry 574 FINANCIAL SOFTWARE Managing Your Money Has Gotten Simpler MECA Software has introduced a **Windows** version of its Managing Your Money (MYM), to help you manage your banking, investments and taxes. The new version adds a SmartDesk graphical navigator. The SmartDesk appears on-screen as a picture of a traditional office setting, complete with desk, bookcase, file cabinet and **windows** . You can access any program feature by clicking on items in the picture. SmartDesk comes with preset defaults that link standard **Windows** applets, such as Calendar, Calculator and Notepad, to the appropriate SmartDesk icons. Or you can configure the program to launch other applications, such as Lotus Organizer and Microsoft Word, through the SmartDesk. The MYM checkbook allows you to enter a check on either an on-screen check register or a graphical representation of a check. The tax portion of the program includes all the primary tax forms and schedules. Funds that you record in the check register as taxable are automatically recorded in the correct tax schedule. You can open multiple tax **windows** to view current tax status and perform what-if scenarios. MYM's Investment Analysis **window** lets you look at the status of your investments. Views include simple and annual appreciation and yield; MYM also tracks cost, price changes, risk levels, liquidity and other investment data. The SmartPlanner analysis function helps users think through financial questions like Should I buy or lease? or How much life insurance do I need? Advice on each situation comes from financial guru Andrew Tobias. Managing Your Money Price: \$79.95 Contact: MECA Software, 800-820-7457, 203-256-5000 Circle Inquiry 584 Prioritize, Consolidate and Reduce Your Debts Do you feel as though you'll never make a dent in your debts? Getting organized might help. The Debt Analyzer lets you produce debt elimination and loan consolidation schedules, much like the ones generated by credit counselors and banks. The debt elimination schedule prioritizes each debt, and creates a monthly payment schedule. When one debt is paid off, the payment amount previously dedicated to that debt is applied to the highest priority debt. The loan consolidation schedule feature combines all your current debt information into one new loan. Interest rates are configurable as daily, monthly, APR (annual

percentage rate) or annual effective rate. The Debt Analyzer lets you create and print reports, charts, schedules and summaries and includes a filing system with multiple scenarios for individuals, relatives, friends and clients. The Debt Analyzer Price: \$25 Contact: Insight Software Solutions, 801-295-1890, fax 801-299-1781 Circle Inquiry 585 Pay Your Employees Electronically DacEasy Instant Payroll from DacEasy Inc. and Instinctive Payroll from SVS Co. Inc. let you automate your payroll ledger. Instant Payroll automatically calculates federal, state and local taxes for hourly, salaried and commissioned employees. The AutoPay function processes a payroll for multiple frequencies and multiple pay types simultaneously. Instant Payroll also helps you track payment history, vacation and sick time. The program lets you create an unlimited number of earnings, deductions and liabilities. You can create 941 worksheets and print W-2 forms as well as state and quarterly worksheets. Instinctive Payroll calculates three types of hourly rates : regular time, overtime and double-time. It also handles salary, commissions by percentage and commission plus base pay. The software allows you to process bonus pay and electronically file direct deposits. It can also be configured for multiple pay periods and allows unlimited benefits, deductions, additions and tips. Tips can be recorded by allocated tips or tips in addition to gross pay. Instinctive Payroll also lets you issue and track payroll advances. Instinctive Payroll prints information on preprinted forms on tractor-fed or laser-printer checks. It also includes electronic tax filing to transfer tax deposits directly to the bank. DacEasy Instant Payroll Price: \$49.95 Contact: DacEasy Inc., 800-DAC-EASY, 214-248-0205 Circle Inquiry 586 Instinctive Payroll Price: \$59.95 Contact: SVS Co. Inc., 800-787-7287, 208-336-2555 Circle Inquiry 587 HELP AUTHORIZING SOFTWARE Word Add-On Automatically Generates Help Files HelpBreeze 1.6, a

Windows help authoring add-on, has been upgraded to include a Topic Wizard. You specify a list of topics, choose a format, and the Topic Wizard tool automatically structures and formats your help file. It expands your list into fully formatted topics and inserts them into the help document. Topic titles, context strings, keywords and browse sequences are created. The add-on works with Microsoft Word 2.0 or 6.0. Version 1.6 provides point-and-click support for all **Windows** 3.1 Help system features (such as secondary **windows** and help macros). HelpBreeze also offers auto-mated two-way conversion between electronic and printed versions of documents, and support for creating context-sensitive help. Slide Show, a distributable DLL, allows you to include animation, slide shows with VCR-style controls, sound and 256-color graphics within help files. The Slide Show add-on requires a **Windows** resource editor, such as Borland Resource Workshop or Microsoft AppStudio. HelpBreeze 1.6 Price: \$279 Contact: Solutionsoft, 408-736-1431, fax 408-736-4013 Circle Inquiry 581 Make Help Files the Easy Way Doc-To-Help 1.6, a new version of the help authoring tool, includes Hyperformance Tools utilities that assist in the creation, viewing and distribution of hypertext help files. The Doc-To-Help Navigator, one of the new tools, displays the structure of a help file in expandable outline form. You can use it to browse the help file, then jump to any topic in the file through a hypertext link. You can also select and print multiple topics from the Navigator. Other Hyperformance tools allow you to **drag** and drop help files into Visual Basic, and add 256-color bitmaps and watermarks to your help files. Any bitmap can be made into a background watermark and displayed, either centered or tiled, in the Help **window**. Included in the package is a Help System Setup Wizard that allows you to create setup disks for distribution of standalone help systems. It walks you through a seven-step process for building an install program. Doc-To-Help 1.6 Price: \$295 Contact: WexTech Systems Inc., 800-WEX-TECH, 212-949-9595 Circle Inquiry 582 Create Help Files in Word or Ventura Publisher MasterHelp lets you generate **Windows** help files from text created in Microsoft Word or Corel Ventura Publisher. The result is a finished help file that includes hypertext jumps, pop-up screens, secondary **windows** and browse sequences. MasterHelp also automatically creates Microsoft Multimedia Viewer files. You control the design of your help files by specifying template fonts, graphics, tables and indentation. The program automatically creates a table of contents in a secondary **window**, as well as a pop-up **window** with an overview of the entire document or the current chapter. The Help search facility is loaded

with all the topics in your document. An interactive hypertext editor with special macros lets you add extra hypertext jumps. You can convert topic names contained in the text into hot buttons that jump to that topic. You can also create "see also" pop-up listings on additional topics and tag words for inclusion in the search table. MasterHelp Price: \$495 Contact: Performance Software Inc., 804-794-1012, fax 804-794-0210

Circle Inquiry 583

AND Rerun Stat Analyses Without the Hassles STATGRAPHICS Plus, a statistical graphics-analysis tool, lets you save and rerun procedures and analyses without having to create macros or specialized code. The StatFolio feature saves file and variable names, graphics settings and analysis options so that the same analysis can be run on a new data set. The program includes a DDE link to Excel, Lotus 1-2-3 and Quattro Pro. Changes in a linked spreadsheet are automatically reflected in all output and graphics. You can customize your graphics with different fonts, colors and type sizes. Add-on modules (priced at \$399 each) provide simple and multiple regression; ANOVA; one-, two- and multiple-variable analyses; distribution fitting; and tabulation and cross tabulation. STATGRAPHICS Plus Price: \$649 Contact: Manugistics Group Inc., 800-592-0050, 301-984-5123

Circle Inquiry 588

Keep Yourself Informed the Windows Way

If you're tired of finding a soggy newspaper on your front porch, maybe you should look to your computer for the latest scoop instead. Mainstream Newscast for **Windows**, a wireless information service, broadcasts real-time news on FM radio (in a dozen major U.S. cities) and by satellite (in more remote areas) to a receiver attached to the PC's serial port. Mainstream Newscast software receives and displays stories from the news services to which you subscribe. More than 150 information services including Associated Press, Reuters, Market News Service, PR Newswire, Business Wire and Federal News Service are available, with subscription prices starting at \$10 per month. You can view the incoming news live, collect it in the background, or cut and paste it into e-mail (depending on the terms of the news service). You can set up to 32 search criteria on topics such as information technology and sort the news you receive into different **windows** according to topic. Mainstream Newscast Price: Software, \$995; FM receiver, \$495; satellite dish, \$990 Contact: Mainstream Data Inc., 801-584-2800, fax 801-584-2831

Circle Inquiry 589

Are You Sick of Flying Toasters? Create a Windows multimedia slide show or a custom screen saver with ForShow 1.0 from Bourbaki Inc. The authoring program runs in a DOS-based drag-and-drop visual programming environment. The resulting screen saver can run either as a single DOS executable file or under Bourbaki's A Touch of Chaos **Windows**, which comes with ForShow. The program supports a variety of formats, including .BMP, .GIF and .PCX. It also handles .WAV and .VOC sound files, Autodesk Animator (.FLI and .FLC) files and its own fractal file format for graphics. You can set transition effects including venetian blinds, diagonal, drip, explode, spiral, split, weave and wipe delays. The speed and direction of many effects can be specified, and loops can be added. Once your presentation is done, you can run complete shows or selected portions. ForShow also provides an icon-based visual file management system for organizing slide-show elements. ForShow 1.0 Price: \$79 Contact: Bourbaki Inc., 800-289-1347, 208-342-5849

Circle Inquiry /headline 590

Development Tool Sports Enhanced VB Links Develop client/server applications faster with SQLWindows 4.1, a new version of the SQL application development environment. Version 4.1 adds seamless support for Visual Basic custom controls (.VBX files), **Windows** classes and business graphics. The upgrade offers improved operation with Oracle 7.0 server databases. You can access Oracle-stored procedures for queries and updates and use the Oracle array interface. SQLWindows also offers tighter links to two leading computer-aided software engineering tools: Popkin System Architect and LBMS Systems Engineer. The corporate edition of SQLWindows includes SQLWindows Designer, ReportWindows, SQLBase Engine for **Windows**, Quest and TeamWindows. The Standard edition includes everything in the Corporate edition except Quest and TeamWindows. SQLWindows 4.1 Price: Corporate edition, \$3,795; Standard edition, \$2,295 Contact: Gupta Corp., 800-876-3267, 415-321-9500

Circle Inquiry 591

Low-Cost Board Captures Video and Audio The Logitech MovieMan board lets you add video and audio capture to your existing system without breaking the bank. Priced at \$299, the board captures video at a standard television rate of 30 frames per

second and compresses it on the fly for hard disk storage. Video input to the board can be from any analog camera, VCR or cable box that complies with NTSC, the North American TV standard, or with the European PAL standard. MovieMan also supports the Digital Video Connector Interface to allow digital camera output to be fed directly to the board. It supports Microsoft Video for **Windows** and can play .WAV audio files. The board is modular so that it can be upgraded by adding a more powerful compression engine. MovieMan ships with the Adobe Premiere multimedia authoring system, as well as Logitech's FotoTouch color image-editing software for single-frame editing and Logitech's EasyClip, a capture utility that allows for **drag** -and-drop integration of captured images into documents created by OLE-compatible devices. MovieMan Price: \$299 Contact: Logitech Inc. 800-231-7717, 510-795-8500 Circle Inquiry 592

Color Monitor Features High Res, Low Price The VisionMaster 17, a flat -square-tube 17-inch color monitor with a 0.26 dot pitch and 1280x1024 resolution noninterlaced at 80Hz, is priced at \$799. The monitor is Energy Star and Swedish MPRII compliant. At full power, the unit draws 110 watts; power consumption drops to 6 watts in sleep mode. Power management can be set to kick in after 5, 15, 30 or 60 minutes of nonuse. Display controls, which allow user's to make 14 different adjustments to the monitor including raster rotation, pincushion and trapezoid (phase) control and color calibration to match Pantone and device output color samples, are mounted at the front of the monitor. A bezel-mounted LCD displays the current graphics resolution. The VisionMaster 17 monitor features an integrated tilt and swivel base and comes with a three-year warranty as well as an antiglare, antistatic coating. VisionMaster 17 Price: \$799 Contact: Idek Iiyama North America, 800-394-4355, 215-957-6543 Circle Inquiry 593

Multimedia Kits Include CD-ROM Library Procom Technology's Multimedia CD Station and Multimedia Station Pro upgrade kits include a double- speed CD-ROM drive with a 320ms average access time and a 300KBps data -transfer rate. A Media Vision 16-bit sound card with 16-bit stereo recording and playback at 44kHz is also included. The CD Station includes four CD-ROM titles (Compton's Interactive Encyclopedia, Dune, Curse of Enchantia and Photo Factory) and Fujikon SP-404 speakers. The Station Pro comes with eight CD-ROMs (Compton's, Dune, Photo Factory, the Mayo Clinic Family Health Book, PowerTools for **Windows** , Soundstations for **Windows** , The Guided Tour of Multimedia and Where in the World is Carmen Sandiego?) and Fujikon CP-668 amplified and shielded speakers. It includes 64KB continuous flow cache memory and a built-in tray load mechanism. Both kits, which are available in external or internal versions, feature SCSI interfaces and are **Windows** 3.1 compatible. Multimedia CD Station, Multimedia Station Pro Price: CD Station, \$399 (internal), \$465 (external); Station Pro, \$555 (internal), \$625 (external) Contact: Procom Technology Inc., 800-800-8600, 714-852-1000 Circle Inquiry 594

TEXT:

... over a wide area network, modem, LAN or via a wireless connection with cc:Mail Mobile for **Windows** 2.0. This portable version of the LAN-based e-mail system is aimed at mobile users...

...all of them. The package includes icon- based location profiles, which can be altered with a single **mouse** click, to connect from often visited destinations. More than 40 location icons (hotel, home, office, cities, countries...
✱

...interface wouldn't have won any beauty contests, but ON Technology has upgraded the program with a **Windows** interface. According to ON Technology, the prior interface was transitional, to provide support for both DOS and **Windows** users. In the new version, a button bar has been added to the pop-up menus. The...

...mail later without having to discard it or place it in a folder. Notework 3.0 offers **Windows** ' Clipboard support, scroll bars, dialog boxes, resizable **windows** and the ability to select your own fonts. The Speed Read function automatically tags new messages and...

...Technology, 617-374-1400, fax 617-374-1433 Circle Inquiry 560 Access UNIX E-Mail with a **Windows** Laptop Frequent UNIX e-mail users can read

and respond to their mail off-line and off-site with PC or laptop using Portable Mail for **Windows**. The software can download UNIX mail files so you can display, save, answer and manipulate mail using the **Windows GUI**. The interface includes an icon bar, accelerator keys for most menu operations, a graphical customization **window** and a status bar. When you get back to your UNIX workstation, Portable Mail can upload mail...

...folders. All off-line actions are automatically reconciled. You can create a remote post office on any **Windows** computer, then transfer files with transfer software or via a diskette. You can perform mail functions, including...

...is compatible with BSD mail and SVR4 mail, and offers cut-and-paste to and from other **Windows** applications. Portable Mail Price: \$195 Contact: Qualix Group Inc., 800-245-8649, 415-572-0200 Circle Inquiry...

...FaxWorks Pro LAN, a network-independent fax software package for small-to medium-sized LANs, lets networked **Windows** users send, receive and manage their faxes. The program does not require a dedicated fax server, and is compatible with several popular peer-to-peer LANs, including Micro-soft **Windows** for Workgroups, Artisoft LANtastic, and Novell NetWare and NetWare Lite. The package includes all the features of...

...8088 Circle Inquiry 562 Device Lets Fax Machines Handle OCR Trio Information Systems has bundled its DataFax+ **Windows** 4.1 faxing software with its FaxConverter, a pocket-sized device that converts a fax machine into...of application formats, including .RTF, ASCII, Lotus 1-2-3, Ami Pro, Excel 2.0, Word for **Windows** 2.0 or 6.0, WordPerfect 5.0 or 5.1, and Type Reader 1.0. The...

...RightFAX 3.5 lets you send and receive faxes directly from e-mail systems. RightFAX includes a **drag**-and-drop feature that allows you to send files as either fax documents or binary data files by **dragging** them onto an icon or **window**. With the RightFAX OCR module, available for \$1,195, RightFAX routes incoming faxes on the basis of...

...cover page. You can build routing tables to direct the fax to the recipients with one of **several keywords** associated with that user. If the fax server is busy, an alternate workstation can be used to...

...line view of task duration (in working or elapsed hours). TPD supports priorities, alarms, recurring events and **drag**-and-drop scheduling. You can set constraints (hours per day and days per week) or time increments ...

...the width and height of items on a report, or for resizing rows and columns with the **mouse**. Commence can now play sound files or video clips when a predefined situation occurs. The new version also adds user interface features, such as direct appointment entry in the calendar view, maintenance of **window** size and position, and integrated letter writing support for Word 6.0 and WordPerfect 6.0. Commence...

...information to other types of data and view all related items on a single screen. You can **drag** and drop information between related elements (people, documents or activities) or use the QuickLink button to associate...

...about people in 30 preformatted fields, or in a notes field. You can define templates to prefill **fields** with standard **information** and place frequently used objects on the "Shelf" for quick access. The Trail button allows you to...P Circle Inquiry 574 FINANCIAL SOFTWARE Managing Your Money Has Gotten Simpler MECA Software has introduced a **Windows** version of its Managing Your Money (MYM), to help you manage your banking, investments and taxes. The...

...on-screen as a picture of a traditional office setting, complete with desk, bookcase, file cabinet and **windows**. You can access any program feature by clicking on items in the picture. SmartDesk comes with preset

defaults that link standard **Windows** applets, such as Calendar, Calculator and Notepad, to the appropriate SmartDesk icons. Or you can configure the...

...register as taxable are automatically recorded in the correct tax schedule. You can open multiple tax **windows** to view current tax status and perform what-if scenarios. MYM's Investment Analysis **window** lets you look at the status of your investments. Views include simple and annual appreciation and yield...Circle Inquiry 587 HELP AUTHORIZING SOFTWARE Word Add-On Automatically Generates Help Files HelpBreeze 1.6, a **Windows** help authoring add-on, has been upgraded to include a Topic Wizard. You specify a list of...

...Microsoft Word 2.0 or 6.0. Version 1.6 provides point-and-click support for all **Windows** 3.1 Help system features (such as secondary **windows** and help macros). HelpBreeze also offers automated two-way conversion between electronic and printed versions of...

...style controls, sound and 256-color graphics within help files. The Slide Show add-on requires a **Windows** resource editor, such as Borland Resource Workshop or Microsoft AppStudio. HelpBreeze 1.6 Price: \$279 Contact: Solutionsoft...

...You can also select and print multiple topics from the Navigator. Other Hyperformance tools allow you to **drag** and drop help files into Visual Basic, and add 256-color bitmaps and watermarks to your help...

...bitmap can be made into a background watermark and displayed, either centered or tiled, in the Help **window**. Included in the package is a Help System Setup Wizard that allows you to create setup disks...

...949-9595 Circle Inquiry 582 Create Help Files in Word or Ventura Publisher MasterHelp lets you generate **Windows** help files from text created in Microsoft Word or Corel Ventura Publisher. The result is a finished help file that includes hypertext jumps, pop-up screens, secondary **windows** and browse sequences. MasterHelp also automatically creates Microsoft Multimedia Viewer files. You control the design of your ...

...template fonts, graphics, tables and indentation. The program automatically creates a table of contents in a secondary **window**, as well as a pop-up **window** with an overview of the entire document or the current chapter. The Help search facility is loaded...

...Contact: Manugistics Group Inc., 800-592-0050, 301-984-5123 Circle Inquiry 588 Keep Yourself Informed the **Windows** Way If you're tired of finding a soggy newspaper on ...front porch, maybe you should look to your computer for the latest scoop instead. Mainstream Newscast for **Windows**, a wireless information* service, broadcasts real-time news on FM radio (in a dozen major U.S...

...32 search criteria on topics such as information technology and sort the news you receive into different **windows** according to topic. Mainstream Newscast Price: Software, \$995; FM receiver, \$495; satellite dish, \$990 Contact: Mainstream Data...

...584-2800, fax 801-584-2831 Circle Inquiry 589 Are You Sick of Flying Toasters? Create a **Windows** multimedia slide show or a custom screen saver with ForShow 1.0 from Bourbaki Inc. The authoring program runs in a DOS-based **drag**-and-drop visual programming environment. The resulting screen saver can run either as a single DOS executable file or under Bourbaki's A Touch of Chaos **Windows**, which comes with ForShow. The program supports a variety of formats, including .BMP, .GIF and .PCX. It ...

...SQL application development environment. Version 4.1 adds seamless support for Visual Basic custom controls (.VBX files), **Windows** classes

and business graphics. The upgrade offers improved operation with Oracle 7.0 server databases. You can...

...Architect and LBMS Systems Engineer. The corporate edition of SQLWindows includes SQLWindows Designer, ReportWindows, SQLBase Engine for **Windows**, Quest and TeamWindows. The Standard edition includes everything in the Corporate edition except Quest and TeamWindows. SQLWindows...

...to allow digital camera output to be fed directly to the board. It supports Microsoft Video for **Windows** and can play .WAV audio files. The board is modular so that it can be upgraded by...

...image-editing software for single-frame editing and Logitech's EasyClip, a capture utility that allows for **drag** -and-drop integration of captured images into documents created by OLE-compatible devices. MovieMan Price: \$299 Contact...

...with eight CD-ROMs (Compton's, Dune, Photo Factory, the Mayo Clinic Family Health Book, PowerTools for **Windows**, Soundstations for **Windows**, The Guided Tour of Multimedia and Where in the World is Carmen Sandiego?) and Fujikon CP-668Both kits, which are available in external or internal versions, feature SCSI interfaces and are **Windows** 3.1 compatible. Multimedia CD Station, Multimedia Station Pro Price: CD Station, \$399 (internal), \$465 (external); Station...

24/5,K/30 (Item 3 from file: 647)
DIALOG(R)File 647:CMP Computer Fulltext
(c) 2004 CMP Media, LLC. All rts*reserv.

01021840 CMP ACCESSION NUMBER: CRW19940620S1569

New Releases Offer PC Users Glimpse At Other Worlds - CES: Distant stars, exotic cities -Sci-Fi, Language Instruction, Health - Care Titles Are Hot

GABRIELLE MITCHELL
COMPUTER RETAIL WEEK, 1994, n 465 , 92
PUBLICATION DATE: 940620
JOURNAL CODE: CRW LANGUAGE: English
RECORD TYPE: Fulltext
SECTION HEADING: edutainment
WORD COUNT: 3505 .
TEXT:

CHICAGO-This year's Summer Consumer Electronics Show, lacking big names such as Electronic Arts Inc., Sega of America Inc. and Microsoft Corp. on the floor, might not have the allure of previous shows, but releases from the following companies should make the show worth the trip to the Windy City.

... Both are designed for children 3 to 8 years old.

Kids can click on different areas for **information**. The programs **feature** a scavenger hunt that shows basic items for little kids, but for older players, the scavenger hunt requires associating **multiple items** in a clue. For example, 3-year-olds might have to find a cow on The Farm, but an 8-year-old would look for the animal that produces milk. **Windows** versions are slated for late September release.

InfoBusiness Inc., Orem, Utah, will demonstrate its revamped and redesigned...

20/5,K/1 (Item 1 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

01863495 SUPPLIER NUMBER: 17609760

Find it fast with AskSam for Windows. (AskSam Systems' AskSam for Windows database software) (Technology Front, column) (Software Review) (Evaluation)

Thompson, Jim

Boardwatch Magazine, v9, n5, p56(4)

May, 1995

DOCUMENT TYPE: Evaluation

ISSN: 0894-5209

LANGUAGE: English

RECORD TYPE: Abstract

ABSTRACT: AskSam Systems' \$149.95 AskSam for Windows can handle both structured and unstructured information. The free-form database offers the same features as other common databases, such as the ability to sort fields and manage reports. However, it goes much further by allowing users to make searches with **several words** or fields, and by not limiting the user to a fixed **data field** structure. It has some features of a word processor, letting users create and edit documents and apply formats. Users can conduct Boolean or proximity searches, and even offers some **personal information management features**. The product is very easy to use, and allows those who are more familiar with the older DOS version to use the command line. Inputting data into the database is easy and flexible. It can be typed directly or imported from elsewhere. The program offers automatic field recognition for importing, and will recognize field identifiers placed in the text to be imported.

SPECIAL FEATURES: illustration; photograph; other

COMPANY NAMES: Seaside Software Inc.--Products

DESCRIPTORS: Software Single Product Review; DBMS

SIC CODES: 7372 Prepackaged software

TRADE NAMES: askSam for Windows (DBMS)--Evaluation

FILE SEGMENT: CD File 275

ABSTRACT: AskSam Systems' \$149.95 AskSam for Windows can handle both structured and unstructured information. The free-form database offers the same features as other...

...sort fields and manage reports. However, it goes much further by allowing users to make searches with **several words** or fields, and by not limiting the user to a fixed **data field** structure. It has some features of a word processor, letting users create and edit documents and apply formats. Users can conduct Boolean or proximity searches, and even offers some **personal information management features**. The product is very easy to use, and allows those who are more familiar with the older...

20/5,K/2 (Item 1 from file: 647)
DIALOG(R)File 647:CMP Computer Fulltext
(c) 2004 CMP Media, LLC. All rts. reserv.

01022154 CMP ACCESSION NUMBER: WIN19940601S1885

Mobile Mail Keeps Remote Users in the Loop (E-Mail Software)

Hailey Lynne McKerry

WINDOWS MAGAZINE, 1994, n 506 , 076

PUBLICATION DATE: 940601

JOURNAL CODE: WIN LANGUAGE: English

RECORD TYPE: Fulltext

SECTION HEADING: New Products

TEXT:

You can send and receive messages over a wide area network, modem, LAN or via a wireless connection with cc:Mail Mobile for Windows 2.0. This portable version of the LAN-based e-mail system is aimed at mobile users who only occasionally connect to a LAN. With it, you can automatically filter incoming messages based on a variety of criteria such as

author, date or size to access important messages without having to sort through all of them. The package includes icon-based location profiles, which can be altered with a single **mouse** click, to connect from often visited destinations. More than 40 location icons (hotel, home, office, cities, countries) ship with the product; you can also add your own icons (a corporate logo, for example). Pick lists guide you in setting the communications type, serial port parameters, baud rates and dialing options for each location. The program supports long-distance access and **credit - card** calling. You can select as many as eight communications methods per location, from among such protocols as IPX/SPX (NetWare), TCP/IP (UNIX) and X.25. cc:Mail Mobile also supports connections via ISDN, PBX, direct connection, RAM Mobile Data, cellular and landline modems. The package includes scripts for more than 70 popular modems and supports background operation. A preview function lets you gather information about incoming messages, such as estimated transmission time, subject, priority, author, size and attachment names. cc:Mail Mobile offers built-in support for reconciliation when switching between LAN and remote operation. It moves messages to the computer on departure from the LAN and resynchronizes your LAN mailbox when you reconnect. cc: Mail Mobile 2.0 Price: \$195 Contact: Lotus Development Corp., 800-448-2500, 415-961-8800

Circle Inquiry 559

Notework Gets an (Inter)Face Lift In the past, the Notework LAN e-mail interface wouldn't have won any beauty contests, but ON Technology has upgraded the program with a **Windows** interface. According to ON Technology, the prior interface was transitional, to provide support for both DOS and **Windows** users. In the new version, a button bar has been added to the pop-up menus. The bar includes icons for such commands as open, create, reply and discard. There is also a Put Away function that allows you to look at e-mail later without having to discard it or place it in a folder. Notework 3.0 offers **Windows** 'Clipboard support, scroll bars, dialog boxes, resizable **windows** and the ability to select your own fonts. The Speed Read function automatically tags new messages and displays the first message upon sign in. You can display incoming and out-going messages side by side. Notework 3.0 Price: Engine, \$199; Ten-user package, \$590; upgrades from 2.0, \$19.95 per user; or from 1.0, \$29.95 per user Contact: ON Technology, 617-374-1400, fax 617-374-1433

Circle Inquiry 560

Access UNIX E-Mail with a **Windows** Laptop. Frequent UNIX e-mail users can read and respond to their mail off-line and off-site with PC or laptop using Portable Mail for **Windows**. The software can download UNIX mail files so you can display, save, answer and manipulate mail using the **Windows** GUI. The interface includes an icon bar, accelerator keys for most menu operations, a graphical customization **window** and a status bar. When you get back to your UNIX workstation, Portable Mail can upload mail changes and send replies, delete requested messages, compose multiple messages simultaneously and store flagged messages in mail folders. All off-line actions are automatically reconciled. You can create a remote post office on any **Windows** computer, then transfer files with transfer software or via a diskette. You can perform mail functions, including printing and saving messages, off-line without logging onto your workstation. Portable Mail is compatible with BSD mail and SVR4 mail, and offers cut-and-paste to and from other **Windows** applications. Portable Mail Price: \$195 Contact: Qualix Group Inc., 800-245-8649, 415-572-0200

Circle Inquiry 561

Fax Software/column Get Control of Faxes on the LAN FaxWorks Pro LAN, a network-independent fax software package for small- to medium-sized LANs, lets networked **Windows** users send, receive and manage their faxes. The program does not require a dedicated fax server, and is compatible with several popular peer-to-peer LANs, including Micro-soft **Windows** for Workgroups, Artisoft LANtastic, and Novell NetWare and NetWare Lite. The package includes all the features of SofNet's FaxWorks Pro. Because it has full OCR functionality, FaxWorks Pro LAN does not require you to retype received faxed documents. It has personal and shared telephone books, logs and file cabinets. FaxTracker, the program's document retrieval and storage tool, brings up a document log that lists scheduled and concluded faxes. FaxTracker can also display the results of a search and provides specific fax information, such as the file name, type and size. FaxWorks Pro LAN features automatic Group 4 compression and supports up to eight fax lines per fax server. FaxWorks Pro LAN supports Class 1, Class 2 and

CAS-compatible fax modems (such as Hayes JT Fax, Brooktrout and GammaLink fax modems), and lets you send and receive faxes through electronic mail packages, such as Lotus cc:Mail, Microsoft Mail or any MHS e-mail package. FaxWorks Pro LAN Price: Two -user pack, \$199;/P 10-user pack, \$599; 50-user pack, \$1,799 Contact: SofNet Inc., 800-FAX-WORKS, 404-984-8088 Circle Inquiry 562

Device Lets Fax Machines Handle OCR Trio Information Systems has bundled its DataFax+ **Windows** 4.1 faxing software with its FaxConverter, a pocket- sized device that converts a fax machine into a scanner or local printer. With the FaxConverter, you can scan a document into your PC or print documents on your fax machine. DataFax+'s optical character recognition (OCR) engine transforms scanned documents into editable text. In the new version of DataFax+, the OCR engine features improved ligature recognition to allow it to distinguish among letters that touch each other, according to Trio Information Systems. Once faxes are OCR-processed, they can be imported into a variety of application formats, including .RTF, ASCII, Lotus 1-2-3, Ami Pro, Excel 2.0, Word for **Windows** 2.0 or 6.0, WordPerfect 5.0 or 5.1, and Type Reader 1.0. The DataFax software includes a Captive QuickFax icon which lets you clip data from an application, add a fax address and send it. The Smart Dialing feature lets you add country, area and long distance dialing codes to your dialing directory. Also included are a cover page editor, which lets you create language-specific forms in 20 languages, and a Fax Management feature to log incoming and outgoing faxes. DataFax+ 4.1 and FaxConverter Price: \$129 Contact: Trio Information Systems Inc., 800-880-4400 919-846-4990 Circle Inquiry 563

RightFAX Supports Binary File Transfer Binary file-transfer support, which allows files to be faxed as editable documents, has been added to RightFAX 3.5 fax server software. The software lets multiple users on Novell NetWare, Microsoft LAN Manager and IBM OS/2 LAN Server-based networks send and receive faxes from individual workstations. RightFAX 3.5 incorporates direct inward dial, dual tone multi- frequency, OCR, and manual and channel auto routing technologies. The software complies with VIM 2.0 and can operate from within Lotus Notes. With the optional RightFAX E-mail Gateway (\$995), RightFAX 3.5 lets you send and receive faxes directly from e-mail systems. RightFAX includes a **drag** -and-drop feature that allows you to send files as either fax documents or binary data files by **dragging** them onto an icon or **window** . With the RightFAX OCR module, available for \$1,195, RightFAX routes incoming faxes on the basis of key words found on the fax's cover page. You can build routing tables to direct the fax to the recipients with one of **several keywords** associated with that user. If the fax server is busy, an alternate workstation can be used to perform fax routing. RightFAX supports several GammaLink and Brooktrout fax boards, as well as the Brooktrout TR-114 fax cards. RightFAX 3.5 Price: \$995 (license for a single channel, unlimited users); upgrades from RightFAX 3.0, \$99 Contact: RightFAX, 602-327- 1357, fax 602-321-7456 Circle Inquiry 564

Pim/Contact Managers Manage Contacts and Tasks with One Program Time Planner Deluxe 2.0 bridges the gap between PIMs (for tracking names and addresses) and project management systems (for tracking project deadlines and resources). The program is designed for task-oriented users who need reports that compute project times and costs and offer a time-line view of task duration (in working or elapsed hours). TPD supports priorities, alarms, recurring events and **drag** -and-drop scheduling. You can set constraints (hours per day and days per week) or time increments (five minutes or longer), as well as view a graph of allocated costs over time. The address book accommodates three addresses and six telephone numbers per entry, and includes an autodialer. You can also place information in folders and assign a keyword to a folder for automatic assignment to the appropriate folder on the basis of the note's text. Time Planner Deluxe 2.0 Price: \$129; until June 30, \$59 Contact: H.M. Hinsch & Co., 800-952-3530, 718-237-1977 Circle Inquiry 568

Commence Keeps Customer Contacts Current The latest upgrade of the Commence contact manager is highlighted by more than 15 new features, including e-mail interfaces and a more powerful search capability. Version 2.1 retains familiar features, including the address book, appointment calendar, note keeper, to-do and task list manager and travel expense tracker. The new version adds the ability to send e-mail using Commence's Agent technology. Messages can be sent via popular e-mail messaging protocols, such as MAPI (Microsoft Mail), VIM

(Lotus's cc: Mail and Notes) and CMC . The fuzzy logic global search capability can find information even if you're unsure of the spelling. Version 2.1 includes a report formatter for altering the width and height of items on a report, or for resizing rows and columns with the mouse . Commence can now play sound files or video clips when a predefined situation occurs. The new version also adds user interface features, such as direct appointment entry in the calendar view, maintenance of window size and position, and integrated letter writing support for Word 6.0 and WordPerfect 6.0. Commence 2.1 Price: \$395; upgrades, \$29.95 to \$69.95 depending on version Contact: Jensen-Jones Inc., 800- 688-7080, 908-530-4666 Circle Inquiry 569 Software Ties Up Contact Management Loose Ends CrossTies 1.0 uses patent-pending object- oriented technology to manage information. The program lets you assign a name of up to 256 characters in length to an information item, then link that information to other types of data and view all related items on a single screen. You can drag and drop information between related elements (people, documents or activities) or use the QuickLink button to associate different types of information. CrossTies can store and track information about people in 30 preformatted fields, or in a notes field. You can define templates to prefill fields with standard information and place frequently used objects on the "Shelf" for quick access. The Trail button allows you to access your most recent work. The scheduling module notifies you of upcoming events and prints daily, weekly and monthly calendars. A built-in viewer lets you view documents from a variety of programs. CrossTies 1.0 Price: \$149 Contact: CrossTies Software Corp., 800-955- TIES, 214-407-9996 Circle Inquiry 570 Business Productivity Tools Automate Repetitive Document Production HotDocs helps you build intelligent templates using Word (versions 2.0 and 6.0), WordPerfect (5.2 and 6.0) and Ami Pro (3.0) documents. The templates allow you to create forms that automatically prompt the user to fill in the blanks. The program automates the production of repetitive, routine word processing documents from business letters to loan agreements by letting you identify text that will change with each new document (such as dates, names, adverbs or pronouns) and replace it with a variable. To assemble a document using a finished template, you simply click on a button. The template asks questions based on the user- defined variables and inserts the new information. You can specify formats for the variables, so that information is displayed in the correct format automatically, no matter how it is entered. The program includes options to replace pronouns (his/her) with the proper gender , and can conditionally replace text. HotDocs 1.0 Price: \$99; introductory price, \$49 Contact: Capsoft Development Corp., 800-500- DOCS, 801-375-6562 Circle Inquiry 571 Software Simplifies Employee Evaluations Two new software packages offer help to managers faced with the difficult task of conducting and documenting employee performance reviews. Austin-Hayne's Employee Appraiser using a " writing by example" approach, presents a series of prompts to help managers through the appraisal process, offering suggestions on topics , such as initiative, job knowledge and communication. The program lets managers work with and edit over 400 professionally written phrases and paragraphs developed by human resource and labor law experts. Employee Appraiser can scan the completed appraisal for inappropriate language. When it finds potentially troublesome language , the software offers possible alternatives. The program's Manager's Notebook helps document important events on a day- to-day basis for inclusion in later reviews. Avantos Performance Systems' Review Writer uses a Quick Build mode that leads the review writer through questions that gather key information and a Document mode for more experienced users. Users click on icons to get help in specific areas. The program can import goal and performance information from Avantos' ManagePro, an employee management program. Review Writer can also incorporate comments on objectives and performance recorded in ManagePro. The program can suggest actual text, prompting users to agree or disagree with statements about a performance area or skill. The writer can select all, some or none of the generated review text. The program includes predefined sample templates for general job titles, such as managers, team leaders and customer service agents. Its AdvisorScan searches for inflammatory or "dangerous" language and offers alternative wording. Employee Appraiser 1.0 Price: \$129 Contact : Austin-Hayne Corp., 800-809-9920, 415-610-6800

Circle Inquiry 572 Review Writer^{*} 1.0 Price: \$129 Contact: Avantos Performance Systems, 800-AVANTOS, 510-654-4600 Circle Inquiry 573 Write Better Business Letters Instead of staring at your blank word processing screen wondering what to write, let the LetterWorks series of letter templates get you started. Using the program's ViewWorks front end, included with all LetterWorks products, you can select a sample letter, then use the program's hints to help you produce professional documents for different situations. ViewWorks' Find function searches documents for keywords or phrases, and the built-in word processor lets you customize a selected document, then send the text to your own word processor for further editing. Business LetterWorks includes 400 letters covering customer relations, credit and collections, personnel relations, internal communications, community service, and sales and marketing. Legal LetterWorks includes 165 legal forms for business and personal use, such as wills and living wills; real estate (leases, sales and mortgages); borrowing and lending; copyrights and trademarks; powers of attorney; starting, buying or selling a business; and operating a corporation. Business LetterWorks 1.1, Legal LetterWorks 1.1 Price: \$79.95 each Contact: Round Lake Publishing Co. Inc., 203-438-5255/P Circle Inquiry 574

FINANCIAL SOFTWARE Managing Your Money Has Gotten Simpler MECA Software has introduced a **Windows** version^{*} of its Managing Your Money (MYM), to help you manage your banking, investments and taxes. The new version adds a SmartDesk graphical navigator. The SmartDesk appears on-screen as a picture of a traditional office setting, complete with desk, bookcase, file cabinet and **windows**. You can access any program feature by clicking on items in the picture. SmartDesk comes with preset defaults that link standard **Windows** applets, such as Calendar, Calculator and Notepad, to the appropriate SmartDesk icons. Or you can configure the program to launch other applications, such as Lotus Organizer and Microsoft Word, through the SmartDesk. The MYM checkbook allows you to enter a check on either an on-screen check register or a graphical representation of a check. The tax portion of the program includes all the primary tax forms and schedules. Funds that you record in the check register as taxable are automatically recorded in the correct tax schedule. You can open multiple tax **windows** to view current tax status and perform what-if scenarios. MYM's Investment Analysis **window** lets you look at the status of your investments. Views include simple and annual appreciation and yield; MYM also tracks cost, price changes, risk levels, liquidity and other investment data. The SmartPlanner analysis function helps users think through financial questions like Should I buy or lease? or How much life insurance do I need? Advice^{*} on each situation comes from financial guru Andrew Tobias. Managing Your Money Price: \$79.95 Contact: MECA Software, 800-820-7457, 203-256-5000 Circle Inquiry 584

Prioritize, Consolidate and Reduce Your Debts Do you feel as though you'll never make a dent in your debts? Getting organized might help. The Debt Analyzer lets you produce debt elimination and loan consolidation schedules, much like the ones generated by credit counselors and banks. The debt elimination schedule prioritizes each debt, and creates a monthly payment schedule. When one debt is paid off, the payment amount previously dedicated to that debt is applied to the highest priority debt. The loan consolidation schedule feature combines all your current debt information into one new loan. Interest rates are configurable as daily, monthly, APR (annual percentage rate) or annual effective rate. The Debt Analyzer lets you create and print reports, charts, schedules and summaries and includes a filing system with multiple scenarios for individuals, relatives, friends and clients. The Debt Analyzer Price: \$25 Contact: Insight Software Solutions, 801-295-1890, fax 801-299-1781 Circle Inquiry 585

Pay Your Employees Electronically DacEasy Instant Payroll from DacEasy Inc. and Instinctive Payroll from SVS Co. Inc. let you automate your payroll ledger. Instant Payroll automatically calculates federal, state and local taxes for hourly, salaried and ^{*}commissioned employees. The AutoPay function processes a payroll for multiple frequencies and multiple pay types simultaneously. Instant Payroll also helps you track payment history, vacation and sick time. The program lets you create an unlimited number of earnings, deductions and liabilities. You can create 941 worksheets and print W-2 forms as well as state and quarterly worksheets. Instinctive Payroll calculates three types of hourly rates: regular time,

overtime and double-time. It also handles salary, commissions by percentage and commission plus base pay. The software allows you to process bonus pay and electronically file direct deposits. It can also be configured for multiple pay periods and allows unlimited benefits, deductions, additions and tips. Tips can be recorded by allocated tips or tips in addition to gross pay. Instinctive Payroll also lets you issue and track payroll advances. Instinctive Payroll prints information on preprinted forms on tractor-fed or laser-printer checks. It also includes electronic tax filing to transfer tax deposits directly to the bank.

DacEasy Instant Payroll Price: \$49.95 Contact: DacEasy Inc., 800-DAC-EASY, 214-248-0205 Circle Inquiry 586 Instinctive Payroll Price: \$59.95 Contact: SVS Co. Inc., 800-787-7287, 208-336-2555 Circle Inquiry 587 HELP AUTHORIZING SOFTWARE Word Add-On Automatically Generates Help Files HelpBreeze 1.6, a

Windows help authoring add-on, has been upgraded to include a Topic Wizard. You specify a list of topics, choose a format, and the Topic Wizard tool automatically structures and formats your help file. It expands your list into fully formatted topics and inserts them into the help document. Topic titles, context strings, keywords and browse sequences are created. The add-on works with Microsoft Word 2.0 or 6.0. Version 1.6 provides point-and-click support for all **Windows** 3.1 Help system features (such as secondary **windows** and help macros). HelpBreeze also offers auto-mated two-way conversion between electronic and printed versions of documents, and support for creating context-sensitive help. Slide Show, a distributable DLL, allows you to include animation, slide shows with VCR-style controls, sound and 256-color graphics within help files. The Slide Show add-on requires a **Windows** resource editor, such as Borland Resource Workshop or Microsoft AppStudio. HelpBreeze 1.6 Price: \$279 Contact: Solutionsoft, 408-736-1431, fax 408-736-4013 Circle Inquiry 581 Make Help Files the Easy Way Doc-To-Help 1.6, a new version of the help authoring tool, includes Hyperformance Tools utilities that assist in the creation, viewing and distribution of hypertext help files. The Doc-To-Help Navigator, one of the new tools, displays the structure of a help file in expandable outline form. You can use it to browse the help file, then jump to any topic in the file through a hypertext link. You can also select and print multiple topics from the Navigator. Other Hyperformance tools allow you to **drag** and drop help files into Visual Basic, and add 256-color bitmaps and watermarks to your help files. Any bitmap can be made into a background watermark and displayed, either centered or tiled, in the Help **window**. Included in the package is a Help System Setup Wizard that allows you to create setup disks for distribution of standalone help systems. It walks you through a seven-step process for building an install program. Doc-To-Help 1.6 Price: \$295 Contact: WexTech Systems Inc., 800-WEX-TECH, 212-949-9595 Circle Inquiry 582 Create Help Files in Word or Ventura Publisher MasterHelp lets you generate **Windows** help files from text created in Microsoft Word or Corel Ventura Publisher. The result is a finished help file that includes hypertext jumps, pop-up screens, secondary **windows** and browse sequences. MasterHelp also automatically creates Microsoft Multimedia Viewer files. You control the design of your help files by specifying template fonts, graphics, tables and indentation. The program automatically creates a table of contents in a secondary **window**, as well as a pop-up **window** with an overview of the entire document or the current chapter. The Help search facility is loaded with all the topics in your document. An interactive hypertext editor with special macros lets you add extra hypertext jumps. You can convert topic names contained in the text into hot buttons that jump to that topic. You can also create "see also" pop-up listings on additional topics and tag words for inclusion in the search table. MasterHelp Price: \$495 Contact: Performance Software Inc., 804-794-1012, fax 804-794-0210 Circle Inquiry 583 AND Rerun Stat Analyses Without the Hassles STATGRAPHICS Plus, a statistical graphics-analysis tool, lets you save and rerun procedures and analyses without having to create macros or specialized code. The StatFolio feature saves file and variable names, graphics settings and analysis options so that the same analysis can be run on a new data set. The program includes a DDE link to Excel, Lotus 1-2-3 and Quattro Pro. Changes in a linked spreadsheet are automatically reflected in all output and graphics. You can customize your graphics with different fonts, colors and type sizes. Add-on modules (priced at \$399 each) provide simple

and multiple regression; ANOVA; one-, two- and multiple-variable analyses; distribution fitting; and tabulation and cross tabulation. STATGRAPHICS Plus Price: \$649 Contact: Manugistics Group Inc., 800-592 -0050, 301-984-5123 Circle Inquiry 588

Keep Yourself Informed the Windows Way
If you're tired of finding a soggy newspaper on your front porch, maybe you should look to your computer for the latest scoop instead. Mainstream Newscast for **Windows**, a wireless information service, broadcasts real-time news on FM radio (in a dozen major U.S. cities) and by satellite (in more remote areas) to a receiver attached to the PC's serial port. Mainstream Newscast software receives and displays stories from the news services to which you subscribe. More than 150 information services including Associated Press, Reuters, Market News Service, PR Newswire, Business Wire and Federal News Service are available, with subscription prices starting at \$10 per month. You can view the incoming news live, collect it in the background, or cut and paste it into e-mail (depending on the terms of the news service). You can set up to 32 search criteria on topics such as information technology and sort the news you receive into different **windows** according to topic. Mainstream Newscast Price: Software, \$995; FM receiver, \$495; satellite dish, \$990 Contact: Mainstream Data Inc., 801-584-2800, fax 801-584-2831 Circle Inquiry 589

Are You Sick of Flying Toasters? Create a Windows multimedia slide show or a custom screen saver with ForShow 1.0 from Bourbaki Inc. The authoring program runs in a DOS-based **drag**-and-drop visual programming environment. The resulting screen saver can run either as a single DOS executable file or under Bourbaki's A Touch of Chaos **Windows**, which comes with ForShow. The program supports a variety of formats, including .BMP, .GIF and .PCX. It also handles .WAV and .VOC sound files, Autodesk Animator (.FLI and .FLC) files and its own fractal file format for graphics. You can set transition effects including venetian blinds, diagonal, drip, explode, spiral, split, weave and wipe delays. The speed and direction of many effects can be specified, and loops can be added. Once your presentation is done, you can run complete shows or selected portions. ForShow also provides an icon-based visual file management system for organizing slide-show elements. ForShow 1.0 Price: \$79 Contact: Bourbaki Inc., 800-289-1347, 208-342-5849 Circle Inquiry /headline 590

Development Tool Sports Enhanced VB Links Develop client/server applications faster with SQLWindows 4.1, a new version of the SQL application development environment. Version 4.1 adds seamless support for Visual Basic custom controls (.VBX files), **Windows** classes and business graphics. The upgrade offers improved operation with Oracle 7.0 server databases. You can access Oracle-stored procedures for queries and updates and use the Oracle array interface. SQLWindows also offers tighter links to two leading computer-aided software engineering tools: Popkin System Architect and LBMS Systems Engineer. The corporate edition of SQLWindows includes SQLWindows Designer, ReportWindows, SQLBase Engine for **Windows**, Quest and TeamWindows. The Standard edition includes everything in the Corporate edition except Quest and TeamWindows. SQLWindows 4.1 Price: Corporate edition, \$3,795; Standard edition, \$2,295 Contact: Gupta Corp., 800-876-3267, 415-321-9500 Circle Inquiry 591

Low-Cost Board Captures Video and Audio The Logitech MovieMan board lets you add video and audio capture to your existing system without breaking the bank. Priced at \$299, the board captures video at a standard television rate of 30 frames per second and compresses it on the fly for hard disk storage. Video input to the board can be from any analog camera, VCR or cable box that complies with NTSC, the North American TV standard, or with the European PAL standard. MovieMan also supports the Digital Video Connector Interface to allow digital camera output to be fed directly to the board. It supports Microsoft Video for **Windows** and can play .WAV audio files. The board is modular so that it can be upgraded by adding a more powerful compression engine. MovieMan ships with the Adobe Premiere multimedia authoring system, as well as Logitech's FotoTouch color image-editing software for single-frame editing and Logitech's EasyClip, a capture utility that allows for **drag**-and-drop integration of captured images into documents created by OLE-compatible devices. MovieMan Price: \$299 Contact: Logitech Inc. 800-231-7717, 510-795-8500 Circle Inquiry 592

Color Monitor Features High Res, Low Price The VisionMaster 17, a flat -square-tube 17-inch color monitor with a 0.26 dot pitch and 1280x1024 resolution noninterlaced at

80Hz, is priced at \$799. The monitor is Energy Star and Swedish MPRII compliant. At full power, the unit draws 110 watts; power consumption drops to 6 watts in sleep mode. Power management can be set to kick in after 5, 15, 30 or 60 minutes of nonuse. Display controls, which allow user's to make 14 different adjustments to the monitor including raster rotation, pincushion and trapezoid (phase) control and color calibration to match Pantone and device output color samples, are mounted at the front of the monitor. A bezel-mounted LCD displays the current graphics resolution. The VisionMaster 17 monitor features an integrated tilt and swivel base and comes with a three-year warranty as well as an antiglare, antistatic coating. VisionMaster 17 Price: \$799 Contact: Idek Iiyama North America, 800-394-4355, 215-957-6543 Circle Inquiry 593 Multimedia Kits Include CD-ROM Library Procom Technology's Multimedia CD Station and Multimedia Station Pro upgrade kits include a double-speed CD-ROM drive with a 320ms average access time, and a 300KBps data-transfer rate. A Media Vision 16-bit sound card with 16-bit stereo recording and playback at 44kHz is also included. The CD Station includes four CD-ROM titles (Compton's Interactive Encyclopedia, Dune, Curse of Enchantia and Photo Factory) and Fujikon SP-404 speakers. The Station Pro comes with eight CD-ROMs (Compton's, Dune, Photo Factory, the Mayo Clinic Family Health Book, PowerTools for **Windows**, Soundstations for **Windows**, The Guided Tour of Multimedia and Where in the World is Carmen Sandiego?) and Fujikon CP-668 amplified and shielded speakers. It includes 64KB continuous flow cache memory and a built-in tray load mechanism. Both kits, which are available in external or internal versions, feature SCSI interfaces and are **Windows** 3.1 compatible. Multimedia CD Station, Multimedia Station Pro Price: CD Station, \$399 (internal), \$465 (external); Station Pro, \$555 (internal), \$625 (external) Contact: Procom Technology Inc., 800-800-8600, 714-852-1000 Circle Inquiry 594

TEXT:

... over a wide area network, modem, LAN or via a wireless connection with cc:Mail Mobile for **Windows** 2.0. This portable version of the LAN-based e-mail system is aimed at mobile users...

...all of them. The package includes icon-based location profiles, which can be altered with a single **mouse** click, to connect from often visited destinations. More than 40 location icons (hotel, home, office, cities, countries...

...port parameters, baud rates and dialing options for each location. The program supports long-distance access and **credit - card** calling. You can select as many as eight communications methods per location, from among such protocols as...

...interface wouldn't have won any beauty contests, but ON Technology has upgraded the program with a **Windows** interface. According to ON Technology, the prior interface was transitional, to provide support for both DOS and **Windows** users. In the new version, a button bar has been added to the pop-up menus. The...

...mail later without having to discard it or place it in a folder. Notework 3.0 offers **Windows** ' Clipboard support, scroll bars, dialog boxes, resizable **windows** and the ability to select your own fonts. The Speed Read function automatically tags new messages and...

...Technology, 617-374-1400, fax 617-374-1433 Circle Inquiry 560 Access UNIX E-Mail with a **Windows** Laptop Frequent UNIX e-mail users can read and respond to their mail off-line and off-site with PC or laptop using Portable Mail for **Windows**. The software can download UNIX mail files so you can display, save, answer and manipulate mail using the **Windows** GUI. The interface includes an icon bar, accelerator keys for most menu operations, a graphical customization **window** and a status bar. When you get back to your UNIX workstation, Portable Mail can upload mail...

...folders. All off-line actions are automatically reconciled. You can create a remote post office on any **Windows** computer, then transfer files with transfer software or via a diskette. You can perform mail functions,

including...

...is compatible with BSD mail and SVR4 mail, and offers cut-and-paste to and from other **Windows** applications. Portable Mail Price: \$195 Contact: Qualix Group Inc., 800-245-8649, 415-572-0200 Circle Inquiry...

...FaxWorks Pro LAN, a network-independent fax software package for small- to medium-sized LANs, lets networked **Windows** users send, receive and manage their faxes. The program does not require a dedicated fax server, and is compatible with several popular peer-to-peer LANs, including Microsoft **Windows** for Workgroups, Artisoft LANtastic, and Novell NetWare and NetWare Lite. The package includes all the features of...

...8088 Circle Inquiry 562 Device. Lets Fax Machines Handle OCR Trio Information Systems has bundled its DataFax+ **Windows** 4.1 faxing software with its FaxConverter, a pocket-sized device that converts a fax machine into...of application formats, including .RTF, ASCII, Lotus 1-2-3, Ami Pro, Excel 2.0, Word for **Windows** 2.0 or 6.0, WordPerfect 5.0 or 5.1, and Type Reader 1.0. The...

...RightFAX 3.5 lets you send and receive faxes directly from e-mail systems. RightFAX includes a **drag**-and-drop feature that allows you to send files as either fax documents or binary data files by **dragging** them onto an icon or **window**. With the RightFAX OCR module, available for \$1,195, RightFAX routes incoming faxes on the basis of...

...cover page. You can build routing tables to direct the fax to the recipients with one of **several keywords** associated with that user. If the fax server is busy, an alternate workstation can be used to...

...line view of task duration (in working or elapsed hours). TPD supports priorities, alarms, recurring events and **drag**-and-drop scheduling. You can set constraints (hours per day and days per week) or time increments
*.

...the width and height of items on a report, or for resizing rows and columns with the **mouse**. Commence can now play sound files or video clips when a predefined situation occurs. The new version also adds user interface features, such as direct appointment entry in the calendar view, maintenance of **window** size and position, and integrated letter writing support for Word 6.0 and WordPerfect 6.0. Commence...

...information to other types of data and view all related items on a single screen. You can **drag** and drop information between related elements (people, documents or activities) or use the QuickLink button to associate...

...about people in 30 preformatted fields, or in a notes field. You can define templates to prefill **fields** with standard **information** and place frequently used objects on the "Shelf" for quick access. The Trail button allows you to...P Circle Inquiry 574 FINANCIAL SOFTWARE Managing Your Money Has Gotten Simpler MECA Software has introduced a **Windows** version of its Managing Your Money (MYM), to help you manage your banking, investments and taxes. The... *

...on-screen as a picture of a traditional office setting, complete with desk, bookcase, file cabinet and **windows**. You can access any program feature by clicking on items in the picture. SmartDesk comes with preset defaults that link standard **Windows** applets, such as Calendar, Calculator and Notepad, to the appropriate SmartDesk icons. Or you can configure the...

...register as taxable are automatically recorded in the correct tax schedule. You can open multiple tax **windows** to view current tax status and perform what-if scenarios. MYM's Investment Analysis **window** lets you look at the status of your investments. Views include simple and annual appreciation and yield...Circle Inquiry 587 HELP AUTHORING SOFTWARE Word

Add-On Automatically Generates Help Files HelpBreeze 1.6, a **Windows** help authoring add-on, has been upgraded to include a Topic Wizard. You specify a list of...

...Microsoft Word 2.0 or 6.0. Version 1.6 provides point-and-click support for all **Windows** 3.1 Help system features (such as secondary **windows** and help macros). HelpBreeze also offers auto-mated two-way conversion between electronic and printed versions of...

...style controls, sound and 256-color graphics within help files. The Slide Show add-on requires a **Windows** resource editor, such as Borland Resource Workshop or Microsoft AppStudio. HelpBreeze 1.6 Price: \$279 Contact: Solutionsoft...

...You can also select and print multiple topics from the Navigator. Other Hyperformance tools allow you to **drag** and drop help files into Visual Basic, and add 256-color bitmaps and watermarks to your help...

...bitmap can be made into a background watermark and displayed, either centered or tiled, in the Help **window**. Included in the package is a Help System Setup Wizard that allows you to create setup disks...

...949-9595 Circle Inquiry 582 Create Help Files in Word of Ventura Publisher MasterHelp lets you generate **Windows** help files from text created in Microsoft Word or Corel Ventura Publisher. The result is a finished help file that includes hypertext jumps, pop-up screens, secondary **windows** and browse sequences. MasterHelp also automatically creates Microsoft Multimedia Viewer files. You control the design of your ...

...template fonts, graphics, tables and indentation. The program automatically creates a table of contents in a secondary **window**, as well as a pop-up **window** with an overview of the entire document or the current chapter. The Help search facility is loaded...

...Contact: Manugistics Group Inc., 800-592 -0050, 301-984-5123 Circle Inquiry 588 Keep Yourself Informed the **Windows** Way If you're tired of finding a soggy newspaper on ...front porch, maybe you should look to your computer for the latest scoop instead. Mainstream Newscast for **Windows**, a wireless information service, broadcasts real-time news on FM radio (in a dozen major U.S...

...32 search criteria on topics such as information technology and sort the news you receive into different **windows** according to topic. Mainstream Newscast Price: Software, \$995; FM receiver, \$495; satellite dish, \$990 Contact: Mainstream Data...

...584-2800, fax 801-584-2831 Circle Inquiry 589 Are You Sick of Flying Toasters? Create a **Windows** multimedia slide show or a custom screen saver with ForShow 1.0 from Bourbaki Inc. The authoring program runs in a DOS-based **drag**-and-drop visual programming environment. The resulting screen saver can run either as a single DOS executable file or under Bourbaki's A Touch of Chaos **Windows**, which comes with ForShow. The program supports a variety of formats, including .BMP, .GIF and .PCX. It ...

...SQL application development environment. Version 4.1 adds seamless support for Visual Basic custom controls (.VBX files), **Windows** classes and business graphics. The upgrade offers improved operation with Oracle 7.0 server databases. You can...

...Architect and LBMS Systems Engineer. The corporate edition of SQLWindows includes SQLWindows Designer, ReportWindows, SQLBase Engine for **Windows**, Quest and TeamWindows. The Standard edition includes everything in the Corporate edition except Quest and TeamWindows. SQLWindows...

...to allow digital camera output to be fed directly to the board. It supports Microsoft Video for **Windows** and can play .WAV audio files. The

board is modular so that it can be upgraded by...

...image-editing software for single-frame editing and Logitech's EasyClip, a capture utility that allows for **drag** -and-drop integration of captured images into documents created by OLE-compatible devices. MovieMan Price: \$299 Contact...

...with eight CD-ROMs (Compton's, Dune, Photo Factory, the Mayo Clinic Family Health Book, PowerTools for **Windows**, Soundstations for **Windows**, The Guided Tour of Multimedia and Where in the World is Carmen Sandiego?) and Fujikon CP-668Both kits, which are available in external or internal versions, feature SCSI interfaces and are **Windows** 3.1 compatible. Multimedia CD Station, Multimedia Station Pro Price: CD Station, \$399 (internal), \$465 (external); Station...

20/5,K/3 (Item 1 from file: 674)
DIALOG(R)File 674:Computer News Fulltext
(c) 2004 IDG Communications. All rts. reserv.

043000

PDAs the Next Generation

Review

So far, the emphasis of PDAs has been on the ``personal,' but these small devices can fill a niche role for businesses, as well.

Byline: Albert Iellimo Jr.

Journal: Network World Page Number: 63

Publication Date: March 13, 1995

Word Count: 3057 Line Count: 284

Section Heading: Feature Articles

Caption(s): Graphic, PDA-to-mail connection configurations, Susan Slater

Text:

... let users tailor a unit to their needs. Configuring the Newton was quick and required only some **personal information** input, such as name and address. Navigating the Newton operating system is simple and mainly entails using...

... an LCD bitmap representation of the user's handwriting - or translated into text through handwriting recognition. Standard **information management features** include a calendar, to-do list, a contact manager and an electronic note pad. The Newton also...DaynaComm PCMCIA Roamer.. For connecting to the desktop, Apple provides Newton connections kits for both Macintosh and **Windows** /DOS environments for backup and synchronization of data between the Newton and desktop computers. Newton has considerably...

... also for Motorola's Envoy, which supports the same operatingsystem. The Magic Cap operating system is a **graphical user interface (GUI)** that attempts to parallel an office environment. Information management functions are located in a virtual office that...

... even extends to a virtual street, with buildings marked with the names of Magic Cap's integrated **GUI** interfaces for America Online (AOL) and AT&T PersonaLink services. Magic Link offers an integrated 2.4K...much like a bulky mid-1980s portable telephone but, in fact, is leading-edge technology, with onboard **personal information manager (PIM)** computer software. While Simon has many of the standard information management options one would expect...

...numbers, so you cannot dial without taking your eyes off the road. Users can bring up a **GUI** menu environment by tapping an icon on the main keypad screen. An icon-filled menu appears from...

... PDA Dimensions, Inc. This package allows technicians to enter work orders and other relevant information into a **Windows** PC client, from which they can be transmitted to field service technicians. Technicians can then use Simon...

... The screen is among the best we've seen for such organizers. The Zaurus boasts a speedy **GUI** powered by a 16-bit, low-power-consumption processor that allows the unit to be powered for 60 hours on two AA batteries. The operating system is also simple and easy for **Windows** or Macintosh users to learn. Users can jump from one information management mode to the next using keystrokes or stylus taps. Zaurus' powerful **features** include **information** linking among various modes, such as database and contact manager mode; a **word** processor with **multiple** fonts and spell checker; and a fully customizable database that allows users to create their own schemas... *

*

*

*

16-bit processors, for instance, are too large...though that was solved with the evolution of flash EPROM technology, which is much denser than older **forms** of memory.

However, squeezing the functionality of, say, a Token-Ring adapter onto a PCMCIA card presents...

...packages such as TSOP, TQFP, SSOP or SOIC," he wrote in a recent paper. "This limits the **selection** of ICs and the feature set that is possible for a given PCMCIA product. Manufacturing options are...

4/5,K/18 (Item 1 from file: 696)
DIALOG(R)File 696:DIALOG Telecom. Newsletters
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00597146

Governors Association, House Bill-Sponsor Cox Strike Deal On Internet Taxation Measure To Narrow Moratorium

Report on Electronic Commerce

March 24,1998 VOL: 5 ISSUE: 6 DOCUMENT TYPE: NEWSLETTER

PUBLISHER: BRP PUBLICATIONS

LANGUAGE: ENGLISH WORD COUNT: 1281 RECORD TYPE: FULLTEXT

The National Governors Association (NGA) and Rep. Christopher Cox (R-C A) March 19 struck a deal on an Internet tax bill that would narrow the moratorium on new taxes to three years, from a

(c) BRP PUBLICATIONS All Rts. Reserv.

COMPANY NAME(S): CheckFree Corp ; Commission on Internet Commerce ; CyberCash Inc ; Digital Equipment Corp ; Direct Marketing Association ; Electronic Commerce ; First Virtual Holdings Inc ; Hewlett Packard/VeriFone ; Internet Payment Systems Can ; Internet Tax Fairness Coalition ; IBM Corp ; IP Systems ; MasterCard International ; National Association of Counties ; National Conference of State Legislatures ; National Governors Association ; Open Market Inc ; R CA ; Rep ; Senate Commerce ; Strategis Group Inc ; U S Conference of Mayors ; Visa International

TEXT:

...payment systems with back-office support systems will allow firms to keep the entire transaction in electronic **format** through authorization and settlement to lower processing costs and speed completion of the payment...card transaction, electronic purse using a smart card or other payment option - to support. "The merchant must **choose** which payment mechanisms to use without knowing which system will become dominant," The Strategis Group report states. "Why establish an account with a payment provider or set up an **electronic wallet** on the computer when [a customer] can simply enter a credit card from an existing account? As...

4/5,K/19 (Item 2 from file: 696)
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00596267

ONLINE PAYMENTS FACE CATCH-22

Multimedia Daily

March 19,1998 VOL: 5 ISSUE: 52 DOCUMENT TYPE: NEWSLETTER

PUBLISHER: BRP PUBLICATIONS

LANGUAGE: ENGLISH WORD COUNT: 655 RECORD TYPE: FULLTEXT

As Internet-based payment systems evolve, security, automation and customer service improvements are expected to lower the cost of online commerce, according to a new study by Washington, D.C.-based

(c) BRP PUBLICATIONS All Rts. Reserv.

COMPANY NAME(S): CheckFree Corp ; CyberCash Inc ; Digital Equipment Corp ;

First Virtual Holdings Inc ; Hewlett Packard/VeriFone ; IBM Corp ; Open Market Inc ; Strategis Group Inc

TEXT:

...payment systems with back-office support systems will allow firms to keep the entire transaction in electronic **format** through authorization and settlement to lower processing costs and speed completion of the payment...

...card transaction, electronic purse using a smart card or other payment option - to support. "The merchant must **choose** which payment mechanisms to use without knowing which system will become dominant," The Strategis Group report states. "Why establish an account with a payment provider or set up an **electronic wallet** on the computer when [a customer] can simply enter a credit card from an existing account? As...

4/5,K/20 (Item 3 from file: 696)
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00531877

CheckFree COMPLETES WEB COMMERCE PICTURE WITH E-BILL STATEMENT PRESENTMENT OFFERING

Ian Jones, Editor
Communications Billing Report
March 25,1997 VOL: 3 ISSUE: 6 DOCUMENT TYPE: NEWSLETTER
PUBLISHER: BRP PUBLICATIONS
LANGUAGE: ENGLISH WORD COUNT: 1731 RECORD TYPE: FULLTEXT

CheckFree Corp. has pressed the last piece of the online billing puzzle into place with its introduction of E-Bill, a service that allows consumers to pay all of their bills from a single Web

(c) BRP PUBLICATIONS All Rts. Reserv.

COMPANY NAME(S): BellSouth Corp ; Capstead Mortgage Corp ; CheckFree Corp ; CyberCash Corp ; GPU Energy ; Small Business Administration

TEXT:

...a month. That interaction at this point largely just says 'Pay me.' We think, with an electronic **format**, that interaction can be much more than that," Lewis said...has expanded its existing relationship with CheckFree to support the E-Bill service with his company's **Electronic Wallet** technology, which allows the secure payment of bills that use CheckFree processing...

...the point of presence," Crone said. "We provide financial institutions and billers the chance to brand the **Electronic Wallet**. That's very powerful - a chance to deepen your relationship with the customer on a monthly basis...

...or with the biller. You are guaranteed 12 full-screen impressions a year from anybody using the **Electronic Wallet** combined with what the bill presents...Crone said his customers are doing both: some **choose**, as does CheckFree, to host a single site. Others are establishing a bill presentment and payment presence...

4/5,K/21 (Item 4 from file: 696)
DIALOG(R)File 696:DIALOG Telecom. Newsletters
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00051717

Testimony Before Congress: The Future of Money: INTERNET, PUBLIC KEY TECHNOLOGIES FUNDAMENTAL TO FUTURE PAYMENT SYSTEMS

Report on Smart Cards
July 15,1996 VOL: 10 ISSUE: 14 DOCUMENT TYPE: NEWSLETTER

Last month, the U.S. House Banking Subcommittee on Domestic and International Monetary Policy held its fourth and final hearing on "The Future of Money" (RSC, June 17, p. 11). Among the

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COMPANY NAME(S): Copithorne & Bellows Public Relations ; Future Money Systems ; Key Components ; Other Payment Systems ; U S Financial Retail Division ; U S House Banking Subcommittee on Domestic and International Monetary Policy ; VeriFone Inc

TEXT:

...Internet **Electronic Wallet** . An Internet **electronic wallet** is a software program that operates with any Internet browser [and] will hold one or more Internet-based payment schemes. A consumer would use his **electronic wallet** to **select** a payment scheme and initiate purchases from his personal computer [PC]. A number of companies will offer electronic wallets for the Internet. In the third quarter of this year, VeriFone will offer an **electronic wallet** , called vWallet, based on the [SET] protocol...

...Implementation of Other Payment Systems. Other Internet-based payment schemes will be integrated into the **electronic wallet** over time. In its initial release, VeriFone's vWallet will include only credit card ... retrieve a consumer's public key certificate and the associated private key. Late in 1996, when the **electronic wallet** software is given to consumers, we expect [that] MasterCard and Visa public key certificates will be distributed...Internet **Electronic Wallet** . The first enhancement to Internet PCs equipped with a smart card reader/writer terminal might be the development of an **electronic wallet** to enable Internet electronic cash to be securely transferred onto a chip card. Essentially, this would create...

...Furthermore, the Internet electronic check, the Internet "credit card" and other **forms** of electronic money could be stored on a chip card and **electronic wallet** . Then the Internet software "wallet" that initially resided only on a consumer's PC would become a...Business Case for Internet-Connected Merchant Terminals. The possibility that Internet consumers could use their **electronic wallet** and chip cards to make purchases at countertops and the prospect that welfare recipients could use the...

large-scale experiment involving about 10,000 consumers and 750 retailers ...want to pay back a friend the five spot you borrowed last night? Just pull out your **electronic wallet**, insert your card, and specify the amount on the keypad. Then your friend inserts his card. The...

...small microprocessor and 8 KB of memory. In the future, he says, Mondex cards may take the **form** of compact peripheral devices adhering to the popular PCMCIA standard so they could slide into a slot...

...that, for now, Mondex customers need to outfit themselves with various tangibles—a smart card, plus an **electronic wallet** or key chain—though they have no way of making payments in cyberspace. Jones expects that to ...

...on electronic payment systems, but each has one or several drawbacks to overcome, such as limited purchase **selections**, high costs, and software incompatibilities. Microsoft wants a piece of the pie, too, and has announced a...

4/5,K/14 (Item 3 from file: 647)
DIALOG(R)File 647:CMP Computer Fulltext
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01084316 CMP ACCESSION NUMBER: NTG19960401S0037

The suite sell of access-Integrated application suites will let you finally take full advantage of the net

David D. Busch
NETGUIDE, 1996, n 304, PG48
PUBLICATION DATE: 960401
JOURNAL CODE: NTG LANGUAGE: English
RECORD TYPE: Fulltext
SECTION HEADING: Net.Cover Story - Hands On
WORD COUNT: 6117
TEXT:

All-in-one Internet suites are the unstoppable wave of the future. No one wants to learn half a dozen different user interfaces to take full advantage of the Internet, or maintain a clutch of address books in incompatible **formats**, or shuffle back and forth among a motley collection of TCP/IP clients assembled chiefly because they were cheap and didn't crash constantly. Now that I-way software has gone commercial, you have the right to expect tightly integrated applications that work together and streamline your access to all the net's vast resources.

TEXT:

... interfaces to take full advantage of the Internet, or maintain a clutch of address books in incompatible **formats**, or shuffle back and forth among a motley collection of TCP/IP clients assembled chiefly because they...

... to-use layout: Mail, News (for Usenet), Files (for FTP sessions), Web Surfing, and Interactive (for Telnet). **Selecting** one adjusts the main menu and tool bars to include choices and buttons appropriate for the task...

...groups just below the tool bar.

Emissary's Web browser comes with a variety of sites already **selected**, and it's easy to trace through your session and save the history; you can even retrace...a newsgroup after an extended absence, you may have to accept a few thousand new postings, or **choose** to ignore them all.

While even newcomers find FTP fairly easy to use, IBox makes managing incoming...

...FTP or Web site, for example. Even those familiar with the Web will appreciate the help when **selecting** New from the main menu in any of the modules.

All of Cyberjack's tool bars can...

...settings let you check for viruses as you download files, use a firewall to protect your system, **select** font type, size, and color, and change notification settings. In IRC sessions, you can customize how different...you can read your mail using Microsoft Mail.

Parents can use the Access Control feature to block **selected** Web sites, but the restrictions hold for everyone using the program- parents and children alike.

The Usenet reader lets you read threads by **selecting** a subject, then clicking the Back and Next buttons, but threads are not displayed hierarchically, nor does...tools to launch automatically upon startup. If you don't have an Internet service provider, you can **choose** the IBM Internet Connection service program. Thirteen other ISPs are defined, as well, or you can set...

...IBM uses the Spyglass Mosaic 2.1 browser, with some modifications to the tool bar and menu **selections**. For example, you'll find a Preferences button, but no buttons for opening files on your computer, loading images, or saving the current window; you must use menu **selections** to do so. IBM has added two convenient commands to the Options menu: History Setting lets you...

...Ipswitch Inc. plans to market this high-performance package through Internet service providers, original equipment manufacturers, and **selected** resellers as a customized suite. The late prerelease version we tested had some raw edges that hopefully...

...entering all the information required, such as IP addresses, domain names, and Domain Naming System servers. Just **choose** the service provider you want, and the Wizard asks all the right questions. (Reconfiguring the suite later...upgraded with new information. Navigator 2.0's update feature changes that situation: Open the Bookmarks window, **select** individual bookmarks, folders, or your entire collection. Then click What's New?, whereupon Navigator wends its way...a series of questions to hook you up to your current Internet service provider or help you **select** one of I-Suite's predefined providers. Of the programs reviewed, this has the most polished interface...

...file viewers. But it also contains an easy-to-use dialog box that lets you handle other **formats**, such as MPEG movies, zip archives, PDF files, and Standard Generalized Markup Language documents, simply by specifying...shows the site being accessed and the progress of the download. To speed things up, you can **choose** to receive documents without images (a marker appears in the document), retrieving one or all of the...

...site to your hotlist. You easily can configure Mosaic 2.1's appearance to suit your taste, **choosing** font and font size, text, background, links, and visited-link colors. You also can configure how images...need a dedicated news program.

Mosaic 2.1 adds security protection to Internet transactions by providing an **electronic wallet** from First Virtual Holdings Inc. You'll also find Digest Authentication and Basic Authentication modules for providing...

4/5,K/15 (Item 4 from file: 647)
DIALOG(R)File 647:CMP Computer Fulltext
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01068533 CMP ACCESSION NUMBER: NTG19951111S0034
Directions for Browsers-HTML 3.0, integration, security (Net.Law)
NETGUIDE, 1995, n 211, PG56
PUBLICATION DATE: 951111
JOURNAL CODE: NTG LANGUAGE: English
RECORD TYPE: Fulltext
SECTION HEADING: Net.Cover Story
WORD COUNT: 4054
TEXT:

and 'extensions' to Web page technology complicate the choice of a browser. Which features are right for you?

Until recently, **selecting** a Web browser was akin to buying a car in 1920-you could have any color you...

...becomes a complex puzzle.

The ability to save Web pages and related documents in a variety of **formats**, with or without intact hyperlinks; prowess at displaying (or just "playing") exotic graphics **formats**, sound and video clips-either with built-in tools or with the aid of inline helper applications...
...flexible organization and storage of site information: All these features should be taken into consideration as you **choose** an up-to-date browser for your cruising.

BRIGHT PROSPECTS

The browsers we surveyed for this roundup...sites whose URLs appear in standard text. Delrina's Image Manager displays images in any of 31 **formats**, and Norton Anti-Virus detection helps to safeguard your system during downloads.

With Cyberjack, you know at a glance the status of newsgroup information or e-mail messages. **Selecting** Threads from the View menu lets you follow the history of a discussion. Only a few mouse...

...text or images from Web pages directly to a disk by right-clicking with the mouse and **choosing** Save As from the menu. Or, you simply can drag the image to a folder or to...window and view, save or print pages as either text or HTML source code. The package supports **forms** and mail-to URLs, which many Webmasters use to collect mail from visitors to their sites. It...

...comfortable ride. It lets you specify typeface, size and style for both text and headings. The snappy **formatting** dialog includes an instant preview and lets you group your choices into style sheets-one of the...in the current window)

Q-Mosaic lets you save Web pages to disk in any of three **formats**, including HTML with Base, which lets you navigate back to links contained in the document, even when...

...images, centered or right-aligned- is a key feature with this version. You also can customize fonts; **choose** colors for text, backgrounds and links; and specify helper applications for everything from Stuffit archives to WAV...

...Mosaic supports private-key encryption. Options for conducting secure monetary transactions include Electronic Business Co-op's **Electronic Wallet**, Cybercash's CyberWallet and the First Virtual Wallet.

Enhanced Mosaic is especially suitable for businesses that want...

...such as Netscape Navigator or Enhanced Mosaic.

Navigation with WinWeb is basic: type in a URL or **select** a page from your hotlist. JPEG images display as they download, but you can't interact with...

...a specific feature, such as MacWeb's speed as a newsreader, there's no compelling reason to **choose** TradeWave's browsers over other products.-d.d.b.

-Doin' the desktop drag (and drop) Wollongong/Emissary ...FTP sessions. When you drag a Web page to your hard disk, Emissary saves it in HTML **format**, with links to any graphics files.

Emissary routes incoming mail into folders based on the contents of
...

4/5,K/16 (Item 5 from file: 647)
DIALOG(R)File 647:CMP Computer Fulltext
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01053374 CMP ACCESSION NUMBER: VAR19950501S0018
It's No Longer Too Early to Get In
T.C. Doyle

VARBUSINESS, 1995, n 11, PG54
PUBLICATION DATE: 950501
JOURNAL CODE: VAR LANGUAGE: English
RECORD TYPE: Fulltext
SECTION HEADING: Feat. 1
WORD COUNT: 2938
TEXT:

When a hotshot New York entertainment executive became embarrassed after admitting to a business associate that he did not have an electronic mail account or a World Wide Web (WWW) home page for customers to browse, the man concluded then and there that his company needed someone to bring it into the burgeoning world of electronic commerce.

... is using HyperText Markup Language (HTML) tools to help IConNet clients put their corporate data in a **format** that can be used in an electronic commerce application. More recently, IConNet has begun exploring EDI software...

...Schlemmer & Co., Aetna, Amtrak, Dun & Bradstreet Information Services and The Timberland Co. Internet shoppers can browse and **select** goods from MCI's mall, which uses Netscape's Merchant Mall software, by simply pointing and clicking on hypertext links. **Selected** items are even placed in an electronic version of a shopping cart. Should consumers wish to actually...and information kiosks for customers.

EDI and the Internet

Runaway growth of the Internet is driving all **forms** of electronic commerce. The population of Internet users swelled to 15 million unduplicated user IDs by the...

...VARs can expect to make money not only by selling EDI software, but also by creating the **forms** and establishing the interconnections among EDI customers. Typical EDI solutions are used for order entry, electronic returns...Systems Inc. and others.

Similarly, different vendors are promoting a variety of transaction schemes that VARs may **choose** from. First Virtual, for one, is building a secure environment for entrepreneurs interested in buying and selling...

...Md., to deliver secure web servers for electronic commerce via the Internet. The four have created an **electronic wallet** that will appear as an icon on users' Internet browsers. Anytime they want to buy a product ...

4/5,K/17 (Item 6 from file: 647)
DIALOG(R)File 647:CMP Computer Fulltext
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00534046 CMP ACCESSION NUMBER: EET19930329S4334
Smart Cards: Bone up, to their credit, to take on more
BRIAN ROBINSON ; MARGARET RYAN
ELECTRONIC ENGINEERING TIMES, 1993, n 739, 52
PUBLICATION DATE: 930329
JOURNAL CODE: EET LANGUAGE: English
RECORD TYPE: Fulltext
SECTION HEADING: Automotive Electronics
WORD COUNT: 3019
TEXT:

supp Special Report: Emerging Markets/supp

... have come all the headaches of trying to fit ever-increasing functionality into small and mostly unchanging **form** factors.

Generally speaking, a smart card-which looks and feels like a regular credit card-is any...

...card will become more a portable database designed for the individual carrying it. It will be an **electronic wallet**, containing a certain cash value, and will also contain information on credit-card accounts and calling-card...expect in the near term to have to go beyond that. We have to stay within the **form** factor and within a pretty tight cost range. The

category preferences on a Web page **form** , the merchant can use One-To-One's Dynamic Command Center to tailor each customer's shopping...

...COMPANY NAMES: **Forman** Interactive Corp

4/5,K/5 (Item 5 from file: 275)
DIALOG(R) File 275:Gale Group Computer DB(TM)
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02114997 SUPPLIER NUMBER: 19848269 (USE FORMAT 7 OR 9 FOR FULL TEXT)
You'll never guess who wants to be your phone company. (effects of telecom deregulation) (Industry Trend or Event)
Bruneau, Mark R.
Telecommunications, v31, n10, p61(5)
Oct, 1997
ISSN: 0278-4831 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 2336 LINE COUNT: 00283

ABSTRACT: The Telecommunication Act of 1996 affects every customer and provider by redefining who provides telecommunication services, what services will be available and how customers will buy them. Competition is already driving down prices, and providers are entering new markets. The range of services will broaden, and traditional distinctions between voice and data, wireless and wire-line, and local and long-distance will blur as services are bundled in new ways. AT&T has downsized while regional Bell companies are becoming integrated carriers involved in a variety of services. Mergers are consolidating the RBOCs into a handful of 'super-regionals.' Today's paradigm is characterized by dedicated lines and services, acquired software and computing assets and a wireless infrastructure that is adequate for voice but not data. It will soon be replaced with a paradigm in which voice, data and video are integrated, universal wireless transmission is available for voice and data and intelligent networks support communities of interest.

SPECIAL FEATURES: table; chart; illustration
DESCRIPTORS: Telecommunications industry; Industry Trend; Telephone Company
PRODUCT/INDUSTRY NAMES: 4810000 (Telecommunication Services ex Broadcast)
SIC CODES: 4810 Telephone Communication
FILE SEGMENT: TI File 148

... channels are also catalyzing unforeseen new offerings. Did you ever imagine that your telephone could be your " **electronic wallet** " and "information navigator"? The combination of lowcost wireless communications, Mondex intelligent electronic currency, and hand-held devices will make the personal **electronic wallet** /communicator a reality. Other changes to look for include getting your movies from the phone company, getting...

...transmission;

- * Acquired software assets;
- * Acquired computing assets.

Users own hardware and software and pay for moving information, **formatting** information, and using that information. Users need to identify and launch database searches, extraction, **formatting** , and processing. Payment is for time and processing is done on assets in-house, which are only...the complexity,

- | | |
|--|---|
| Internet; | with respect to choice |
| * Acquire an ally to provide rich content; | * Refuse "self-assembly"; |
| * Form a super-regional to exploit the local, long distance, wireline...protection, it's about market share | * Demand packaged applications and solutions that personalized service geared to your needs and expect to be known; |

* **Select** the customer
segments where you
can win

* Demand that service
geared to your needs
and expect to...

4/5,K/6 (Item 6 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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02087142 SUPPLIER NUMBER: 19645863 (USE FORMAT 7 OR 9 FOR FULL TEXT)
SET 1.0 ready to go. (Secure Electronic Transaction standard) (Technology Information)
Greenemeier, Larry
MIDRANGE Systems, v10, n11, p41(1)
July 11, 1997
ISSN: 1041-8237 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 900 LINE COUNT: 00075

ABSTRACT: In a major step in the direction of the establishment of electronic commerce, Visa International and MasterCard International announce the publication of the Secure ELectronic Transaction (SET) protocol. With the announcement of SET 1.0, which is also supported by major vendors such as IBM, the evolution of electronic commercial activity enters a crucial second stage, contends IBM VP of electronic payments Mark Greene. According to Greene, this stage involves the education of consumers and actual implementation in the marketplace. IBM's market research indicates that consumers remain concerned about data security issues, which SET is designed to resolve. The protocol offers a platform for the development of electronic commerce software which is SET-compliant.

SPECIAL FEATURES: photograph; illustration
DESCRIPTORS: Technology Development; Electronic Commerce; Electronic Commerce Software; Electronic Data Interchange; Protocol
PRODUCT/INDUSTRY NAMES: 7372640 (Electronic Commerce Software)
SIC CODES: 7372 Prepackaged software
FILE SEGMENT: CD File 275

TEXT:

With the **formal** publication of a widely-accepted Internet commerce protocol, the stage is set for on-line vendors to...
... anticipates the third chapter, also known as SuperSET, will extend the credit card purchasing standards to other **forms** of payment, such as checking, debit and cash.

The need for protocols such as SET 1.0...

...the qualifications for SET compliance.

"Working with the vendor community, Visa and MasterCard have instituted quite a **formal** software testing process for certification," Greene says, adding that the "SET-tested" emblem on certified software is ...

...Corp. (Hackensack, N.J.) kicked off the first EC initiative in North America to use the protocol. **Selected** employees of Chase and the Wal-Mart retail chain are participating in a pilot program to securely...

...Mart customers beginning later this summer.

Key components of CommercePoint used to support SET 1.0 are **electronic wallet** and gateway software, as well as Registry for SET. The **electronic wallet** enables EC vendors and financial institutions to manage the on-line purchase and financial transaction of goods...

4/5,K/7 (Item 7 from file: 275)
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02082612 SUPPLIER NUMBER: 19603308 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Electronic cash. (history of digital money) (includes table of Web sites and related article on tips) (Internet/Web/Online Service)

Information) (Brief Article)

Bott, Ed

PC/Computing, v10, n8, p320(2)

August, 1997

DOCUMENT TYPE: Brief Article

ISSN: 0899-1847

LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 1418

LINE COUNT: 00115

SPECIAL FEATURES: table; illustration

DESCRIPTORS: Internet/Web Overview; Electronic commerce

PRODUCT/INDUSTRY NAMES: 7372640 (Electronic Commerce Software)

SIC CODES: 7372 Prepackaged software

FILE SEGMENT: CD File 275

... CyberCash, more than 240 merchants support one or more of its electronic-payment options, including its innovative **electronic wallet**. Microsoft and Netscape merchant servers work with its CyberCoin micropayment system.

DigiCash www.digicash.com

One of...

...slated for inclusion in the next version of Internet Explorer. You enter address information in the Address **Selector** and credit card details in the Payment **Selector**. That information is then encrypted using 128-bit keys, and only the friendly name you give each...your credit card number without fear that its TCP/IP packet will be intercepted. Use the online **form** to provide shipping and ordering information, but complete the transaction over the phone. Many sites, from catalog vendors to online brokerages and banks, allow you to download and print order **forms** from the Web. You send back the filled-in **form** via fax, and the vendor processes your order manually.

4/5,K/8 (Item 8 from file: 275)

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02065514 SUPPLIER NUMBER: 19426916 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Philippine - Smart Cards Get Push In Credit Card Industry.

Newsbytes, pNEW05200053

May 20, 1997

LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 729

LINE COUNT: 00060

FILE SEGMENT: NW File 649

TEXT:

...reportedly the world's first installment credit card with an embedded microchip, Bankard Inc. is set to **formally** launch within the next few months the Bankard E-Cash smart card in partnership with a major ...

This will take place while Bankard will start the phased-in deployment of its "**electronic wallet**" function in different Bankard card products.

The **electronic wallet** function will be added to Bankard One by the end of May, and gradually introduced across the...

...using the Gemplus M896. Smart cards have built-in support for different functionality, so that adding the **electronic wallet** function to Bankard One is a matter of activating the appropriate field.

For smart card-based transactions...

...year a soft launch of Bankard E-Cash, the first electronic cash card in the country. An **electronic wallet** positioned for transactions involving PhP100-PhP1,000, Bankard E-Cash, unlike the phone cards that have recently ...

...depleted, the user can replenish the smart card at a reloading center.

Aside from the Bankard office, **selected** PCIBank branches also serve

as reloading centers. Bankard, incidentally, is a member of the PCIBank Group.

Nava...

4/5,K/9 (Item 9 from file: 275)

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01995255 SUPPLIER NUMBER: 18793178 (USE FORMAT 7 OR 9 FOR FULL TEXT)

BULL's CP8 TRANSAC SUBSIDIARY DEVELOPS WEB TRANSACTION SMART CARD READER FOR THE MASS MARKET, WITH NT IN MIND.

Computergram International, n3028, pCGN10250016

Oct 25, 1996

ISSN: 0268-716X LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 506 LINE COUNT: 00043

FILE SEGMENT: CD File 275

TEXT:

...to work independently of the desktop, in contrast to a personal computer-based technology, such as the **electronic wallet** software from the likes of CyberCash Inc, "to avoid capture of PIN codes by a rogue server...

...Groupe Special Mobile cards. Customers will connect to the retailer's Web server from their machines and **select** a payment - credit or debit - option. The transaction is then routed to the retailer's payment server...

...the hardware implementation was not dependent on either. Bull itself is part of the PC/SC consortium, **formed** recently by Smart Card and personal computer vendors to develop technology "to define and manage Smart Cards...

4/5,K/10 (Item 10 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

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01875971 SUPPLIER NUMBER: 17843682 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Take charge of your money. (evaluation of four personal finance programs)

(includes related articles on online investing, shopping online, tech support on the Web) (Software Review) (Evaluation)

Computer Life, v3, n1, p96(11)

Jan, 1996

DOCUMENT TYPE: Evaluation ISSN: 1076-9862 LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 6344 LINE COUNT: 00498

ABSTRACT: A review of four personal finance packages reveals that these programs can go a long way in bringing order to a person's finances. The four programs include Intuit's \$59.99 Quicken for Windows, Microsoft's \$34.95 Money, 4Home Production's \$35 Kiplinger's Simple Money and MECA Software's \$45 Managing Your Money Plus. Quicken gets the best overall rating of the programs tested. Each program is compared with the others in a variety of applications including managing credit-card balances, investing in the stock market, checkbook management, handling cash flow and electronic **forms** of paying bills. With all of these programs, managing personal finances is not only easy, but can also be fun.

SPECIAL FEATURES: illustration; table

COMPANY NAMES: Intuit Inc.--Products; Microsoft Corp.--Products; MECA Software Inc.--Products; 4Home Production--Products

DESCRIPTORS: Personal Finance Software; Software Multiproduct Review

PRODUCT/INDUSTRY NAMES: 7372311 (Financial, Acctg Software (ex Micro))

SIC CODES: 7372 Prepackaged software

TICKER SYMBOLS: INTU; MSFT; MECA; INTU; MSFT; MECA

TRADE NAMES: Quicken Deluxe 4.0 (Personal finance software)--Evaluation; Microsoft Money (Personal finance software)--Evaluation; Kiplinger's CA-Simply Money for Windows 2.0 (Personal finance software)--Evaluation;

Andrew Tobias' Managing Your Money Plus (Personal finance software)--
Evaluation
FILE SEGMENT: CD File 275

...ABSTRACT: including managing credit-card balances, investing in the stock market, checkbook management, handling cash flow and electronic **forms** of paying bills. With all of these programs, managing personal finances is not only easy, but can...
... your checking account or exceed your credit-card limit when making electronic transactions.

Intuit and Microsoft have **formed** relationships with a score of big banks, including Wells Fargo, Chase Manhattan, First National Bank of Chicago...14 at 11 p.m. you'd find me sweating at my dining-room table over tax **forms** . Now, I let my personal finance software do the work in conjunction with a compatible tax-preparation...when you open your account, your Schwab broker may just give you the software.

Which package you **select** may depend on where you want your account to be as much as on the software itself...

...offer toll-free telephone services, which have capabilities similar to their software. The type of service you **select** should be based on how much and what kinds of trading you do. Active traders will find...

...stuffing money into the slot of your floppy drive won't work, and snail mailing an order **form** and a check would defeat the purpose, so that seems to leave credit cards as the only...

...and store it on your computer. With ecash resident on your PC, you click on the appropriate **form** to log cash flow out and in. This system gives spenders the anonymity cash dealings provide, because...

...Pay button. Voila! Instant settlement. In another project, CyberCash has teamed up with CheckFree to develop an "**electronic wallet**" for paying online merchants with the virtual equivalent of cash, checks, or plastic. CheckFree Wallet will be...

4/5,K/11 (Item 11 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01864714 SUPPLIER NUMBER: 17603200 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Software briefs. (New & Improved) (Brief Article) (Product Announcement)
Perenson, Melissa J.
PC Magazine, v14, n21, p66(1)
Dec 5, 1995
DOCUMENT TYPE: Brief Article Product Announcement ISSN: 0888-8507
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 361 LINE COUNT: 00033

FILE SEGMENT: CD File 275

... word processor. There's also support for text-to-speech using MacinTalk, dynamically linked bookmarks, and automated **formatting** .
800-453-1267, 801-429-7000.

Unsure if Microsoft Windows 95 is right for you? Smart Systems...

...both 16- and 32-bit versions of the World-Wide Web browser. Also added is support for **selected** HTML 3.0 extensions, improved security, an **electronic wallet** for safe transactions, disk caching, and compatibility with VRML. 800-557-9614.

Arcland's \$195 Flow-Model...

4/5,K/12 (Item 1 from file: 647)
DIALOG(R)File 647:CMP Computer Fulltext
(c) 2004 CMP Media, LLC. All rts. reserv.

01114923 CMP ACCESSION NUMBER: NTG19970101S0051

How Much Do You Want Your WebTV? - WebTV is a surprisingly good effort,
but it remains a strange hybrid (cranky.com)

Stephen Manes

NETGUIDE, 1997, n 401, PG55

PUBLICATION DATE: 970101

JOURNAL CODE: NTG LANGUAGE: English

RECORD TYPE: Fulltext

SECTION HEADING: departments & columns

WORD COUNT: 1040

TEXT:

How much would you pay to fulfill your promise to get your Uncle Freddy up and running with e-mail and Web access? \$1,000? What if you could pay less than that, set him up in 15 minutes, and avoid being his unpaid net consultant?

... around the screen. In its place, a highlighting frame jumps only from link to link; when you **select** an image map, the frame changes to an arrow that lets you navigate within it. The biggest...

...text search, but the videocassette is probably a lot more universal than just about any other data **format** in the computer world.

Future expansion? A built-in proprietary port will handle devices like printers (expected...)

...eventually will let you log on from other people's WebTV terminals, or suck money from your **electronic wallet** for online shopping sprees.

So what's not to like? First, proprietariness. If you own a WebTV...

...example, a nifty MIDI implementation is built in, but at this writing RealAudio and most other sound **formats** are not. These standards should be available to WebTV viewers by the time you read this, but...

4/5,K/13 (Item 2 from file: 647)

DIALOG(R)File 647:CMP Computer Fulltext

(c) 2004 CMP Media, LLC. All rts. reserv.

01084319 CMP ACCESSION NUMBER: NTG19960401S0040

The Check is in the E-Mail-Digital cash is coming faster than you think

Rogier Van Bakel

NETGUIDE, 1996, n 304, PG68

PUBLICATION DATE: 960401

JOURNAL CODE: NTG LANGUAGE: English

RECORD TYPE: Fulltext

SECTION HEADING: Features

WORD COUNT: 3071

TEXT:

David Chaum pauses and shrugs when asked if this will be the breakthrough year for his company, DigiCash NV. The subject, of course, is electronic cash, an idea whose time has come. Or, at least, that's what Chaum's competitors and their handlers are saying-that there's a huge market for micropayments on the net, and that consumers are dying to turn cyberspace into one big shopping mall. At times, Chaum has delivered those same notions with great enthusiasm, even a sense of urgency.

... check.

Best of all, Chaum says, e-cash was designed with your privacy in mind. If you **choose**, the merchant learns only that your cash is good, not who you are. Of course, this benefit...

...More Elusive Crime?

Protecting consumers' privacy is a worthwhile goal, but the degree of anonymity in some **forms** of electronic cash makes crimefighters jittery. Officials with the Treasury Department worry that drug lords and other...

...value to the card or to transfer money to another consumer's card, you need a Mondex "**electronic wallet**." Mondex has been carrying out a

4/5,K/1 (Item 1 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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02238043 SUPPLIER NUMBER: 53200221 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Investors Get Excite-d About Electronic Wallet 11/09/98.
Newsbytes, NA
Nov 9, 1998
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 522 LINE COUNT: 00047

COMPANY NAMES: Excite Inc.
PRODUCT/INDUSTRY NAMES: 4811529 (Online Services NEC)
SIC CODES: 4822 Telegraph & other communications
TICKER SYMBOLS: XCIT
FILE SEGMENT: NW File 649

Investors Get Excite-d About Electronic Wallet 11/09/98.

TEXT:

...percent Monday morning, as the company announced it would accelerate its electronic commerce initiative by introducing an **electronic "wallet"** that will let people buy online from a variety of merchants without having to re-enter personal...

... Excite Express Order when they purchase their first product by filling out the simple one page registration **form** with their preferred billing, shipping and credit card information, and **choose** a custom user name and password. That information is then stored in the "wallet," which is then...

4/5,K/2 (Item 2 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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02190420 SUPPLIER NUMBER: 20849104 (USE FORMAT 7 OR 9 FOR FULL TEXT)
MOVING ON. (technology migrations) (Technology Information) (Column)
Celko, Joe
DBMS, v11, n8, p18(1)
July, 1998
DOCUMENT TYPE: Column ISSN: 1041-5173 LANGUAGE: English
RECORD TYPE: Fulltext
WORD COUNT: 2518 LINE COUNT: 00190

DESCRIPTORS: System Conversion; Technology Application; Technology Overview
FILE SEGMENT: CD File 275

... joint effort to let existing packaged-application providers migrate their products to Pervasive and Oracle databases.

Pervasive, **formerly** known as Btrieve Technologies, is embedded in more than 10,000 independent software vendor products, but its...

...user's modem. The Final Committee Draft standard is supposed to be released in October 1998 and **formally** become an international standard in December 1998.

The Media Lab's new approach to sound processing is...changes in exchange-rate of currencies, controlling prices, and various ways of detecting the trajectory of an **electronic wallet**.

Puzzle

This puzzle came in my email from Mike Gora. I changed the original problem a bit...val) **SELECT** cust...

...nbr, 'A', a FROM Losses WHERE a IS NOT NULL UNION ALL **SELECT** cust...

...nbr, 'B', b FROM Losses WHERE b IS NOT NULL UNION **SELECT** cust...

...nbr, 'C', c FROM Losses WHERE c IS NOT NULL UNION **SELECT** cust...

```

...nbr, 'D', d FROM Losses WHERE d IS NOT NULL UNION  SELECT  cust...
...nbr, 'E', e FROM Losses WHERE e IS NOT NULL UNION  SELECT  cust...
...nbr, 'F', f FROM Losses WHERE f IS NOT NULL UNION  SELECT  cust...
...nbr, 'G', g FROM Losses WHERE g IS NOT NULL UNION  SELECT  cust...
...nbr, 'H', h FROM Losses WHERE h IS NOT NULL UNION  SELECT  cust...
...nbr, 'I', I FROM Losses WHERE I IS NOT NULL UNION  SELECT  cust...
...nbr, 'J', j FROM Losses WHERE j IS NOT NULL UNION  SELECT  cust...
...nbr, 'K', k FROM Losses WHERE k IS NOT NULL UNION  SELECT  cust nbr,
'L', l FROM Losses WHERE l IS NOT NULL UNION  SELECT  cust...

...nbr, 'M', m FROM Losses WHERE m IS NOT NULL UNION  SELECT  cust...
...nbr, 'N', n FROM Losses WHERE n IS NOT NULL UNION  SELECT  cust...

...nbr, 'O', o FROM Losses WHERE o IS NOT NULL;
Now we have a relational division problem:
SELECT  L1.cust...

...id HAVING COUNT(*) = ( SELECT  COUNT(*) FROM LossDoneRight AS L2 WHERE
L1. Cust...

```

4/5,K/3 (Item 3 from file: 275)
 DIALOG(R)File 275:Gale Group Computer DB(TM)
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02183902 SUPPLIER NUMBER: 20778264 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Electronic Wallets First In Industry To Get SET Seal.
 Newsbytes, n26, pNEW06050020
 June 5, 1998
 LANGUAGE: English RECORD TYPE: Fulltext
 WORD COUNT: 704 LINE COUNT: 00064

FILE SEGMENT: NW File 649

... also award SET marks to companies producing implementations of the three other elements of SET.

Beyond the **electronic wallet**, for "holding" the end user's digital certificates, SET's elements include the merchant POS (point-of...

...the financial processor gateway; and the root CA, according to Mohr.

Spyrus, for example, produces WebWallet, an **electronic wallet** customizable for branding purposes, along with application development kits for all four SET elements, the marketing director...

...the digital certificate as a "credential" in ASCII text, linked to public and private cryptographic keys to **form** a unique identifier. "And, of course, the same user can have more than one identifier," he observed...

...The newly certified vendors will now be able to use the SET mark logo in marketing their **electronic wallet** wares, said Mohr.

Even before today's announcement, the four companies were aware that their wallet products...

...account, he illustrated.

Spyrus' Java-based WebWallet gives consumers a graphic interface for dragging-and-dropping a **selected** credit card into a payment slip, along with a transaction log, a sort of "check register" for...

4/5,K/4 (Item 4 from file: 275)

02118629 SUPPLIER NUMBER: 19958165 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Open for business: Web storefront creation software. (12

electronic-commerce products reviewed) (includes related articles on
elements of an electronic storefront, Editors' Choices, glossary,
online-service and ISP templates, offering transaction security,
business-to-business commerce) (Software Review) (Evaluation)

Linthicum, David S.

PC Magazine, v16, n20, p143(19)

Nov 18, 1997

DOCUMENT TYPE: Evaluation ISSN: 0888-8507 LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 12518 LINE COUNT: 00996

ABSTRACT: Twelve Internet-commerce tools are reviewed. Four of the ten are designed primarily for Web start-ups, while the others are suited to larger businesses. Viaweb Inc's Viaweb Store 3.0 is the Editors' Choice in the first category. It is the only product tested that is solely vendor-hosted and lets online newcomers build entire storefronts through a Web browser. The program is very sophisticated, with editing, publishing and reporting features that rival those of higher-end products. iCat's Electronic Commerce Suite 3.0, Professional Edition is rated an Editors' Choice for larger E-commerce sites. Electronic Commerce Suite is robust and mature, with the best **selection** of storefront templates, new ODBC support and remote administration. The package includes Sybase's SQLAnywhere database. Lotus' Domino.Merchant is a good choice for Notes and Domino shops, but others will find it hard to use. Microsoft's Site Server 2.0 provides a sound site infrastructure, but requires more work to customize than other products.

SPECIAL FEATURES: graph; other; illustration

COMPANY NAMES: Virtual Spin L.L.C.--Products; Vision Factory Inc.--
Products; iCat Corp.--Products; **Forman** Interactive Corp.--Products;
Intershop Communications--Products; Lotus Development Corp.--Products;
Internet Factory Inc.--Products; Microsoft Corp.--Products; International
Business Machines Corp.--Products; Peachtree Software Inc.--Products;
ICentral Inc.--Products; Viaweb Inc.--Products

DESCRIPTORS: Electronic Commerce Software; Software Multiproduct Review

PRODUCT/INDUSTRY NAMES: 7372640 (Electronic Commerce Software)

SIC CODES: 7372 Prepackaged software

TICKER SYMBOLS: LOTS; MSFT; IBM

TRADE NAMES: Cartalog 4.0 (Electronic commerce software)--Evaluation;
Cat@log Builder (Electronic commerce software)--Evaluation; iCat
Electronic Commerce Suite 3.0 (Electronic commerce software)--Evaluation;
Intershop Online (Electronic commerce software)--Evaluation; Lotus
Domino.Merchant (Electronic commerce software)--Evaluation; Merchant
Builder 2.0 (Electronic commerce software)--Evaluation; Net.Commerce 2.0
(Electronic commerce software)--Evaluation; Internet Creator 4.0 (Web
authoring software)--Evaluation; Microsoft Site Server 2.0 (Internet/Web
server software)--Evaluation; PeachLink (Electronic commerce software)--
Evaluation; ShopSite Manager (Electronic commerce software)--Evaluation;
ViaWeb Store 3.0 (Electronic commerce software)--Evaluation

FILE SEGMENT: CD File 275

...ABSTRACT: Editors' Choice for larger E-commerce sites. Electronic
Commerce Suite is robust and mature, with the best **selection** of
storefront templates, new ODBC support and remote administration. The
package includes Sybase's SQLAnywhere database. Lotus...

... to build a store online within your browser. Alternatives to these
online services at similar prices include **Forman** Interactive's Internet
Creator 4.0 and Peachtree Software's PeachLink, which integrates with
Peachtree Complete Accounting...

...block for most products. While all of the packages provided some
mechanism to import data from open **formats** (comma-delimited,
tab-delimited, and so forth), they all had to massage the data to fit into

...

...Commerce proved the most difficult. We were forced to write the data out to a proprietary "loading" **format** before importing.

Some of the entry-level packages simply could not complete that portion of our tests...Electronic Commerce Suite, offer only proprietary scripting languages. However, Electronic Commerce Suite also comes with the best **selection** of templates (or "layouts," as they're called in the product), allowing you to get up and...

...users via CGI scripts.SHOPPING CARTS

Virtual shopping carts enhance the shopping experience by allowing customers to **select** items for purchase and continue browsing the store--or even leave the store and return later--before...Suite 3.0, Professional Edition. A more robust solution suitable for any size business, it has some **formidable** competitors. Nevertheless, this mature e-commerce solution is up to the challenge. Electronic Commerce Suite includes the best **selection** of storefront templates. New to this version are ODBC support, remote site administration via a browser, and...

...or component. For example, all ActiveX controls transmitted over the Web are digitally signed by their creators.

Electronic wallet Also called a virtual wallet; a software mechanism that allows commerce server users to store and use...

...lets you control every aspect of your site. Managing shipping requires little effort: A series of HTML **forms** takes you through the entire process and makes it easy to configure multiple shipping tables in just...

...your site is amazingly simple. You can upload graphics (provided that your browser supports this ability) or **select** from a massive library of GIFs on the Virtual Spin server.

Setting up your site to use...relish the power it provides.

Cat@log Builder does not offer an integrated authoring tool. You must **select** external tools for authoring, and you can **choose** both a WYSIWYG editor such as Microsoft FrontPage and a text editor. Cat@log Builder's IDE ...

...and export it to a Microsoft Excel spreadsheet template.

Cat@log Builder is not the product to **choose** if you want to open your virtual shopping doors immediately. But its component-based approach provides maximum...before it fit into the database's fixed schema. Data Entry Manager also lets you store, organize, **format**, search, sort, and report on the data.

If your site requires customization or additional functionality (such as...

...com.

iCat's Electronic Commerce Suite includes a proprietary scripting language called Carbo for customizing your site.

Forman Interactive Corp.: Internet Creator

More like a Web-site authoring environment than an e-commerce tool, **Forman** Interactive Corp.'s Internet Creator 4.0 (\$149 list) enabled us to create a Web site--complete with company information, shipping tables, ordering **forms**, and more--in under an hour. Like most entry-level authoring tools, Internet Creator is easy to...

...Creator lets you add new items to your store manually or import them from a variety of **formats** into the program's database system. It also provides a number of stock fields for your store...

...listed in a drop-down box, enhancing the end-user experience.

Like most vendors in this category, **Forman** Interactive will host the site for you. Company-provided server space at [www .register.com](http://www.register.com) hooks your ...

...make changes locally, Internet Creator tracks which pages have changed and offers to upload incremental changes only.

Forman Interactive's Merchant Management System (MMS) supplies site management tools that are accessible through your browser. The...or better, 8MB RAM, 10MB hard disk space, Microsoft Windows 95, 3.x, or NT 4.0.

Forman Interactive Corp., Brooklyn, NY; 718-522-2260; fax, 718-522-0267; www. **forman** .com.

Internet Creator has an Explorer-like authoring environment that displays the site's structure.

Intershop Communications...

...a library to create Notes databases--one database for each site area you specified in the configuration-- **forming** the shell of your site.

It is important to note that of the products we reviewed, only...that haven't committed to either. ActiveX is also part of the mix, providing shoppers' member registration **forms** with a Windows 95 look and feel.

Site Server's database management approach proved to be its...

...data to DB2, we first had to write an application for converting the data into a proprietary **format** . As a result, Net.Commerce fared the worst on this portion of our tests.

Although we didn...

...provides a basic WYSIWYG interface for creating HTML templates. A wizard built into Template Designer helps you **select** the proper database tables and fields for display and guides you through the process of embedding SQL ...INP (Instant Net Presence). Building your Web site with TrustedLink INP is a breeze, and as with **Forman** Interactive Corp.'s Internet Creator, it can be done in less than an hour. You simply open a worksheet and provide information as the program prompts you during an interview process. You can **choose** from predefined Web site styles, and if you don't want to include a particular worksheet as part of your Web site, simply **select** the Exclude Step option from the Tools menu. Graphics, such as your company logo or images of products in your company line, can be added to **selected** worksheets.

Publishing your site is as easy as building it. Site hosting is provided by Harbinger. Once...

...step process. First, you enter all of your product information. Then you build the pages that will **form** the basis of your site. Finally, you "assign," or link, the products to the appropriate pages. And...fax, 801-373-7211; www.icentral.com.

In ShopSite, you enter your products, build the pages that **form** the basis of your site, and then assign products to these pages.

Viaweb Inc.: Viaweb Store

The...

...for up to 1,000 items.

Viaweb provides a powerful tool for developing your site. You can **select** from several editing modes; these range from a WYSIWYG environment to a hierarchical outline view that lets...

...setting up your initial site. You can also import existing ASCII data to your site; despite some **formatting** restrictions, importing is still a straightforward process. A word of warning: Some browsers do not support file...

...Web site designers versus experts. Content development tools--including wizards, templates, and WYSIWYG HTML editors--and stock **forms** and CGI scripts make up the typical toolkit targeted for novice and intermediate Web site designers.

Expert...to accept payments electronically in a manner that is both secure and nearly invisible to your customers. **Choosing** the payment type that is right for your product or service and ensuring the security of your ...seeking to gain unauthorized access to credit card information. Whether you are building your own SSL-protected **forms** to capture credit card information or you are using a commercial e-commerce product, always make sure...

...from other high-end solutions. When site visitors input product and

sort of Good Housekeeping seal of approval" for compliance with the emerging SET standard for secure electronic commerce.

In an interview with Newsbytes, Ken Mohr, Spyrus marketing director, said that, after additional rounds of compliance testing with the Tenth Mountain certificate authority (CA), SETCo, an organization established by Visa and MasterCard, will also award SET marks to companies producing implementations of the three other elements of SET.

Beyond the **electronic wallet**, for "holding" the end user's digital certificates, SET's elements include the merchant POS (point-of-sale) application; the financial processor gateway; and the root CA, according to Mohr.

Spyrus, for example, produces WebWallet, an **electronic wallet** customizable for branding purposes, along with application development kits for all four SET elements, the marketing director told Newsbytes. Spyrus acquired Terisa Systems, a producer of SET development software, in late 1997.

Mohr described the digital certificate as a "credential" in ASCII text, linked to public and private cryptographic keys to **form** a unique identifier. "And, of course, the same user can have more than one identifier," he observed.

Aside from WebWallet, other electronic wallets that were granted SET marks today included the GlobeSet Wallet; VeriFone's vWallet; and Trintech's PayPurse.

The newly certified vendors will now be able to use the SET mark logo in marketing their **electronic wallet** wares, said Mohr.

Even before today's announcement, the four companies were aware that their wallet products were "pending enrollment" for SET 1.0 compliance, according to a GlobeSet spokesperson.

Information on other SET products that are "pending enrollment" is posted on SetCo's World Wide Web site, at <http://www.setco.org>, the GlobeSet rep told Newsbytes.

Mohr told Newsbytes that, after proving compliance with the SET standard, the next step for SET products is multivendor interoperability testing.

Also today, Spyrus and GlobeSet announced test results showing interoperability between Spyrus Wallet and the GlobeSet POSTM point-of-sale merchant server, he noted. Other SET products from GlobeSet include GlobeSet CATM, for digital certificate management, and GlobeSet Gateway.

In addition to the PayPurse wallet, Trintech produces two other offerings in the SET arena: PayWare merchant software and the PayGate banking gateway.

VeriFone's SET line-up encompasses vPOS software for merchants and the vGATE financial gateway, as well as vWallet.

Mohr maintained that, although all four vendors' electronic wallets have now been certified as compliant with SET 1.0, the products are differentiated on the basis of features.

Spyrus further differentiates itself through its application development tools, and the customizability of its WebWallet, the marketing director added.

Spyrus also created "SET Ref," a reference model available through SETCo to other companies interested in building SET products. Alternatively, for ease of development, other vendors can use Spyrus's application development kits, Newsbytes was told.

Spyrus is selling its own WebWallet to OEMs (original equipment manufacturers), for quickly customizable, "branded" implementations by banks and retailers, for instance.

This model has strong parallels in today's world of plastic credit cards and debit cards, Mohr suggested.

A bank, for example, might offer customers a free WebWallet -- "branded, of course, in its own name" -- as an incentive to opening a checking account, he illustrated.

Spyrus' Java-based WebWallet gives consumers a graphic interface for dragging-and-dropping a **selected** credit card into a payment slip, along with a transaction log, a sort of "check register" for cyberspace.

Additional information is available on the Web at <http://www.spyrus.com>; <http://www.verifone.com>; <http://www.globeset.com>; and <http://www.trintech.com>.

Reported by Newsbytes News Network: <http://www.newsbytes.com> .

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FILE SEGMENT: NW File 649

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* Policy 4 has criteria A 5 and B IN (21, 22).

Therefore, the customer could be offered policies 1, 2; and 3, but not 4. Policy 3 should be ranked the highest, because it matches the most criteria and returned as the answer. Policy 1 should be second highest, and Policy 2 should be last, but lets not worry about presenting alternatives yet.

Puzzle Answer

Joe Celko

The trick in this problem is that the losses are presented as attributes in the Losses table and as values in the Policy Criteria table. This messes up the data model and means that you have to convert one table to match the other. I will pick the Losses table and flatten it out like this. This might be done with a VIEW, but I am going to show it as a working table:

```
CREATE TABLE LossDoneRight (cust_nbr INTEGER NOT NULL, criteria
CHAR(1) NOT NULL, crit_val INTEGER NOT NULL)
```

Here is how you transform values to and from attributes:

```
INSERT INTO LossDoneRight (cust_nbr, criteria, crit_val) SELECT
cust_nbr, 'A', a FROM Losses WHERE a IS NOT NULL UNION ALL SELECT
cust_nbr, 'B', b FROM Losses WHERE b IS NOT NULL UNION SELECT cust_nbr,
'C', c FROM Losses WHERE c IS NOT NULL UNION SELECT cust_nbr, 'D', d FROM
Losses WHERE d IS NOT NULL UNION SELECT cust_nbr, 'E', e FROM Losses
WHERE e IS NOT NULL UNION SELECT cust_nbr, 'F', f FROM Losses WHERE f IS
NOT NULL UNION SELECT cust_nbr, 'G', g FROM Losses WHERE g IS NOT NULL
UNION SELECT cust_nbr, 'H', h FROM Losses WHERE h IS NOT NULL UNION
SELECT cust_nbr, 'I', i FROM Losses WHERE i IS NOT NULL UNION SELECT
cust_nbr, 'J', j FROM Losses WHERE j IS NOT NULL UNION SELECT cust_nbr,
'K', k FROM Losses WHERE k IS NOT NULL UNION SELECT cust_nbr, 'L', l FROM
Losses WHERE l IS NOT NULL UNION SELECT cust_nbr, 'M', m FROM Losses
WHERE m IS NOT NULL UNION SELECT cust_nbr, 'N', n FROM Losses WHERE n IS
NOT NULL UNION SELECT cust_nbr, 'O', o FROM Losses WHERE o IS NOT NULL;
```

Now we have a relational division problem:

```
SELECT L1.cust_nbr, 'could use policy', C1.criteria id, COUNT(*) AS
score FROM LossDoneRight AS L1, Policy_Criteria As C1 WHERE L1.criteria =
C1.criteria AND L1.crit_val = C1.crit_val GROUP BY L1.cust_nbr, C1.
criteria_id HAVING COUNT(*) = ( SELECT COUNT(*) FROM LossDoneRight AS L2
WHERE L1.cust_nbr = L2.cust_nbr);
```

In English, you join the losses and criteria together. If the loss was able to match all the criteria (in other words, has the same count) in the Policy Criteria description, we keep him or her it is a one-to-one mapping of the two tables, but one of them can have leftovers and the other cannot.

You can tune this by making equality into a greater than or equal, a less than or equal, or a BETWEEN predicate. The largest execution is building the LossDoneRight table

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DESCRIPTORS: System Conversion; Technology Application; Technology
Overview

FILE SEGMENT: CD File 275

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4/9/3 (Item 3 from file: 275)

DIALOG(R) File 275:Gale Group Computer DB(TM)

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Electronic Wallets First In Industry To Get SET Seal.

Newsbytes, n26, pNEW06050020

June 5, 1998

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 704 LINE COUNT: 00064

TEXT:

SAN JOSE, CALIFORNIA, U.S.A., 1998 JUN 5 (NB) - By Jacqueline Emigh, Newsbytes. Four makers of electronic wallets - SpyruS, VeriFone, GlobeSet, and Trintech - have become the first vendors industry- wide to be awarded the SET (Secure Electronic Transaction) mark, described by one source as "a

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